Open Source Used In Appdynamics_Synthetic Server 21.4.2

Cisco Systems, Inc.
www.cisco.com

Cisco has more than 200 offices worldwide.
Addresses, phone numbers, and fax numbers
are listed on the Cisco website at
www.cisco.com/go/offices.

Text Part Number: 78EE117C99-1300424061

This document contains licenses and notices for open source software used in this product. With respect to the free/open source software listed in this document, if you have any questions or wish to receive a copy of any source code to which you may be entitled under the applicable free/open source license(s) (such as the GNU Lesser/General Public License), please submit this **form.**

In your requests please include the following reference number 78EE117C99-1300424061

Contents

1.175 aws-java-sdk-for-amazon-dynamodb-accelerator-(dax) 1.11.820

1.175.1 Available under license

1.176 jmes-path-query-library 1.11.820

1.176.1 Available under license

1.177 aws-sdk-for-java 1.11.820

1.177.1 Available under license

1.178 maxmind-geoip-api 1.2.11

1.178.1 Available under license

1.179 client-java-api 4.0.0

1.179.1 Available under license

1.180 resourcecify-annotations 0.9.2

1.180.1 Available under license

1.181 okhttp-web-sockets 2.7.5

1.181.1 Available under license

1.182 client-java-proto 4.0.0

1.182.1 Available under license

1.183 aws-java-sdk-for-amazon-kinesis 1.11.820

1.183.1 Available under license

1.184 aws-java-sdk-for-aws-kms 1.11.820

1.184.1 Available under license

1.185 jackson-datatype-jdk8 2.11.3

1.185.1 Available under license

1.186 square-retrofit 1.9.0

1.186.1 Available under license

1.187 sundrio-code-generation 0.9.2

1.187.1 Available under license

1.188 okhttp-logging-interceptor 2.7.5

1.188.1 Available under license

1.189 jest-common-jar 0.1.1

1.189.1 Available under license

1.190 aws-java-sdk 1.11.820

1.190.1 Available under license

1.191 retrofit-1-okhttp-3-client 1.1.0

1.191.1 Available under license

1.192 javax.inject:javax.inject 1

1.192.1 Available under license

1.193 throttling-appender 1.1.3

1.193.1 Available under license

1.194 dropwizard-lifecycle-support 2.0.25

1.1 java-concurrency-in-practice-book-annotations 1.0

1.1.1 Available under license :

Creative Commons Legal Code

Attribution 2.5
CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL
SERVICES. DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY-CLIENT
RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS.
CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE INFORMATION PROVIDED, AND
DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM ITS USE.

License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS
PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR
OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS
LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE
BOUND BY THE TERMS OF THIS LICENSE. THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED
HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

"Collective Work" means a work, such as a
periodical issue, anthology or encyclopedia, in which the Work in its entirety in unmodified form, along with a number of other contributions, constituting separate and independent works in themselves, are assembled into a collective whole. A work that constitutes a Collective Work will not be considered a Derivative Work (as defined below) for the purposes of this License.

"Derivative Work" means a work based upon the Work or upon the Work and other pre-existing works, such as a translation, musical arrangement, dramatization, fictionalization, motion picture version, sound recording, art reproduction, abridgment, condensation, or any other form in which the Work may be recast, transformed, or adapted, except that a work that constitutes a Collective Work will not be considered a Derivative Work for the purpose of this License. For the avoidance of doubt, where the Work is a musical composition or sound recording, the synchronization of the Work in timed-relation with a moving image
("synching") will be considered a Derivative Work for the purpose of this License.

"Licensor" means the individual or entity that offers the Work under the terms of this License.

"Original Author" means the individual or entity who created the Work.

"Work" means the copyrightable work of authorship offered under the terms of this License.

"You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

2. Fair Use Rights. Nothing in this license is intended to reduce, limit, or restrict any rights arising from fair use, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

to reproduce the Work, to incorporate the Work into one or more Collective Works, and to reproduce the Work as incorporated in the Collective Works;

to create and reproduce Derivative Works;

to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission the Work including as incorporated in Collective Works;

to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission Derivative Works.

For the avoidance of doubt, where the work is a musical composition:

Performance Royalties Under Blanket Licenses. Licensor waives the exclusive right to collect, whether individually or via a performance rights society (e.g. ASCAP, BMI, SESAC), royalties for the public performance or public digital performance (e.g. webcast) of the Work.

Mechanical Rights and Statutory Royalties. Licensor waives the exclusive right to collect, whether individually or via a music rights agency or designated agent (e.g. Harry Fox Agency), royalties for any phonorecord You create from the Work ("cover version") and distribute, subject to the compulsory license created by 17 USC Section 115 of the US Copyright Act (or the equivalent in other jurisdictions).

Webcasting Rights and Statutory Royalties. For the avoidance of doubt, where the Work is a sound recording, Licensor waives the exclusive right to collect, whether individually or via a performance-rights society (e.g. SoundExchange), royalties for the public digital performance (e.g. webcast) of the Work, subject to the compulsory license created by 17 USC Section 114 of the US Copyright Act (or the equivalent in other jurisdictions).

The above rights may be exercised in all media and formats
 whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. All rights not expressly granted by Licensor are hereby reserved.

4. Restrictions.The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

  You may distribute, publicly display, publicly perform, or publicly digitally perform the Work only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy or phonorecord of the Work You distribute, publicly display, publicly perform, or publicly digitally perform. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer
 of warranties. You may not distribute, publicly display, publicly perform, or publicly digitally perform the Work with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License Agreement. The above applies to the Work as incorporated in a Collective Work, but this does not require the Collective Work apart from the Work itself to be made subject to the terms of this License. If You create a Collective Work, upon notice from any Licensor You must, to the extent practicable, remove from the Collective Work any credit as required by clause 4(b), as requested. If You create a Derivative Work, upon notice from any Licensor You must, to the extent practicable, remove from the Derivative Work any credit as required by clause 4(b), as requested.
  If you distribute, publicly display, publicly perform, or publicly digitally perform the Work or any Derivative Works or Collective Works, You must keep intact all copyright notices
 for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or (ii) if the Original Author and/or Licensor designate another party or parties (e.g. a sponsor institute, publishing entity, journal) for attribution in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; the title of the Work if supplied; to the extent reasonably practicable, the Uniform Resource Identifier, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and in the case of a Derivative Work, a credit identifying the use of the Work in the Derivative Work (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). Such credit may be implemented in any reasonable manner; provided, however, that in
 the case of a Derivative Work or Collective Work, at a minimum such credit will appear where any other comparable authorship credit appears and in a manner at least as prominent as such other comparable authorship credit.

5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTIBILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination

   This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Derivative Works or Collective Works from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.
   Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

8. Miscellaneous

   Each time You distribute or publicly digitally perform the Work or a Collective Work, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.
   Each time You distribute or publicly digitally perform a Derivative Work, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.
   If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.
   No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.
   This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

Creative Commons is not a party to this License, and makes no warranty whatsoever in connection with the Work. Creative Commons will not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. Notwithstanding the foregoing two (2) sentences, if Creative Commons has expressly identified itself as the Licensor hereunder, it shall have all rights and obligations of Licensor.

Except for the limited purpose of indicating to the public that the Work is licensed under the CCPL, neither party will use the trademark "Creative Commons" or any related trademark or logo of Creative Commons without the prior written consent of Creative Commons. Any permitted use will be in compliance with Creative Commons' then-current trademark usage guidelines, as may be published on its website or otherwise made available upon request from time to time.

Creative Commons may be contacted at https://creativecommons.org/.

```
/*
* Copyright (c) 2005 Brian Goetz and Tim Peierls
* Released under the Creative Commons Attribution License
*   (http://creativecommons.org/licenses/by/2.5)
* Official home: http://www.jcip.net
*
* Any republication or derived work distributed in source code form
* must include this copyright and license notice.
*/
```

1.2 commons-logging 1.2

1.2.1 Available under license :

```
/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements.  See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License.  You may obtain a copy of the License at
*
*     http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

                          Apache License
                     Version 2.0, January 2004
                   http://www.apache.org/licenses/

      TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

      1. Definitions.

         "License" shall mean the terms and conditions for use, reproduction,
         and distribution as defined by Sections 1 through 9 of this document.

         "Licensor" shall mean the copyright owner or entity authorized by
         the copyright owner that is granting the License.

         "Legal Entity" shall mean the union of the acting entity and all
         other entities that control, are controlled by, or are under common
         control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or
(iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from)
the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication
on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant
of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as
of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own
copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names
of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise,
unless required by applicable law
(such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your
sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
Apache Commons Logging
Copyright 2003-2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

1.3 jboss-logging 3.3.2.Final
1.3.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

 2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

 3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their

Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf

of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.4 checker-qual 2.0.0

1.5 guava-retrying 2.0.0

1.6 jaxen 1.1.6

1.7 findbugs-jformatstring 2.0.1

1.7.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2003-2007 Sun Microsystems, Inc. All rights reserved.

* SUN PROPRIETARY/CONFIDENTIAL. Use is subject to license terms.

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*/

Found in path(s):

* /opt/cola/permits/1004914670_1648092382.29/0/jformatstring-2-0-1-
jar/edu/umd/cs/findbugs/formatStringChecker/Formatter.java

1.8 asm-tree 5.0.2

1.9 asm-debug-all 5.0.2

1.10 asm 6.0

1.11 asm-commons 6.0

1.12 asm-util 6.0

1.13 asm-tree 6.0

1.14 asm-analysis 6.0

1.15 findbugs-annotations 3.0.0
1.15.1 Available under license :

Found license 'GNU Lesser General Public License' in '* This library is free software; you can redistribute it and/or * modify it under the terms of the GNU Lesser General Public * License as published by the Free Software Foundation; either * version 2.1 of the License, or (at your option) any later version. * This library is distributed in the hope that it will be useful, * but WITHOUT ANY WARRANTY; without even the implied warranty of * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU * Lesser General Public License for more details. * You should have received a copy of the GNU Lesser General Public'

/*

* FindBugs - Find bugs in Java programs

* Copyright (C) 2008, University of Maryland

*

* This library is free software; you can redistribute it and/or

* modify it under the terms of the GNU Lesser General Public

* License as published by the Free Software Foundation; either

* version 2.1 of the License, or (at your option) any later version.

*

* This library is distributed in the hope that it will be useful,

* but WITHOUT ANY WARRANTY; without even the implied warranty of

* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU

* Lesser General Public License for more details.

*

* You should have received a copy of the GNU Lesser General Public
* License along with this library; if not, write to the Free Software
* Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
*/
GNU LESSER GENERAL PUBLIC LICENSE
                 Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
    51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

                  Preamble

 The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

 This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use
 it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations
below.

 When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.

 To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights or to ask you to surrender these
rights. These restrictions translate to certain responsibilities for
you if you distribute copies of the library or if you modify it.

 For example, if you distribute copies of the library, whether gratis
or

for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that
there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original
author's reputation will not be affected by problems that might be
introduced by others.
^L
 Finally, software patents
 pose a constant threat to the existence of
any free program. We wish to make sure that a company cannot
effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser
General Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.

When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking
 only if the
entire combination fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.

We call this license the "Lesser" General Public License because it
does Less to protect the user's freedom than the ordinary General
Public License. It also provides other free software developers Less
of an advantage over competing non-free programs. These disadvantages
are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain

special circumstances.

 For example, on rare occasions, there may be a special need to
encourage the widest possible use of a certain library, so that it
becomes
a de-facto standard. To achieve this, non-free programs must be
allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this
case, there is little to gain by limiting the free library
 to free
software only, so we use the Lesser General Public License.

 In other cases, permission to use a particular library in non-free
programs enables a greater number of people to use a large body of
free software. For example, permission to use the GNU C Library in
non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating
system.

 Although the Lesser General Public License is Less protective of the
users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
that program using a modified version of the Library.

 The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
former contains code derived from the library, whereas the latter must
be combined with the library in order to run.
^L
GNU LESSER GENERAL PUBLIC LICENSE
 TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

 0. This License Agreement applies to any software library or other
program which contains a notice placed by the copyright holder or
other authorized party saying it may be distributed under the terms of
this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".

 A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

 The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated

straightforwardly into another language.
  (Hereinafter, translation is
included without limitation in the term "modification".)

 "Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control
compilation
and installation of the library.

 Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running a program using the Library is not restricted, and output from
such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

 1. You may copy and distribute verbatim copies of the Library's
complete source code as you receive it, in any medium, provided
 that
you conspicuously and appropriately publish on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact
all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the
Library.

 You may charge a fee for the physical act of transferring a copy,
and you may at your option offer warranty protection in exchange for a
fee.

 2. You may modify your copy or copies of the Library or any portion
of it, thus forming a work based on the Library, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

  a) The modified work must itself be a software library.

  b) You must cause the files modified to carry prominent notices
   stating that you changed the files and the date of any change.

  c) You must cause the whole of the work to be licensed at no
   charge to all third parties under the terms of this
License.

  d) If a facility in the modified Library refers to a function or a
   table of data to be supplied by an application program that uses

the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Library,
and can be reasonably
 considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote
it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Library.

In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

 3. You may opt to apply the terms of the ordinary GNU
 General Public
License instead of this License to a given copy of the Library. To do
this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.
^L
 Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding
machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library".
 The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code

for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.
^L
6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

  a) Accompany the
work with the complete corresponding
  machine-readable source code for the Library including whatever
  changes were used in the work (which must be distributed under
  Sections 1 and 2 above); and, if the work is an executable linked
  with the Library, with the complete machine-readable "work that
  uses the Library", as object code and/or source code, so that the
  user can modify the Library and then relink to produce a modified
  executable containing the modified Library. (It is understood
  that the user who changes the contents of definitions files in the
  Library will not necessarily be able to recompile the application
  to use the modified definitions.)

  b) Use a suitable shared library mechanism for linking with the
  Library. A suitable mechanism is one that (1) uses at run time a
  copy of the library already present on the user's computer system,
  rather than copying library functions into the executable, and (2)
  will operate properly
with a modified version of the library, if
  the user installs one, as long as the modified version is
  interface-compatible with the version that the work was made with.

  c) Accompany the work with a written offer, valid for at
  least three years, to give the same user the materials
  specified in Subsection 6a, above, for a charge no more
  than the cost of performing this distribution.

  d) If distribution of the work is made by offering access to copy
  from a designated place, offer equivalent access to copy the above

specified materials from the same place.

　　e) Verify that the user has already received a copy of these
　　materials or that you have already sent this user a copy.

　For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally
　distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

　It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.
^L
　7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

　　a) Accompany the combined library with a copy of the same work
　　based on the Library, uncombined with any other
library
　　facilities. This must be distributed under the terms of the
　　Sections above.

　　b) Give prominent notice with the combined library of the fact
　　that part of it is a work based on the Library, and explaining
　　where to find the accompanying uncombined form of the same work.

　8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.

　9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or

distribute the Library or its derivative works. These actions are
prohibited by law if you
 do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

 10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties with
this License.
^L
 11. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse
 you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under
any particular circumstance, the balance of the section is intended to
apply, and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system
 which is
implemented by public license practices. Many people have made
generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that
system; it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot
impose that choice.

This section is intended to make thoroughly clear what is believed to

be a consequence of the rest of this License.

 12. If the distribution and/or use of the Library is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Library under this License
may add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among
countries not thus excluded. In such case, this License incorporates
the limitation as if written in the body of this License.

 13. The Free Software Foundation may publish
 revised and/or new
versions of the Lesser General Public License from time to time.
Such new versions will be similar in spirit to the present version,
but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library
specifies a version number of this License which applies to it and
"any later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Library does not specify a
license version number, you may choose any version ever published by
the Free Software Foundation.
^L
 14. If you wish to incorporate parts of the Library into other free
programs whose distribution conditions are incompatible with these,
write to the author to ask for permission. For software which is
copyrighted by the Free Software Foundation, write to the Free
Software Foundation; we sometimes make exceptions for this. Our
decision
 will be guided by the two goals of preserving the free status
of all derivatives of our free software and of promoting the sharing
and reuse of software generally.

NO WARRANTY

 15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

 16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY

AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE,
 BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.

            END OF TERMS AND CONDITIONS
^L
        How to Apply These Terms to Your New Libraries

 If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms
of the ordinary General Public License).

 To apply these terms, attach the following notices to the library.
It is safest to attach them to the start of each source file to most
effectively
 convey the exclusion of warranty; and each file should
have at least the "copyright" line and a pointer to where the full
notice is found.

    <one line to give the library's name and a brief idea of what it
does.>
   Copyright (C) <year> <name of author>

   This library is free software; you can redistribute it and/or
   modify it under the terms of the GNU Lesser General Public
   License as published by the Free Software Foundation; either
   version 2 of the License, or (at your option) any later version.

   This library is distributed in the hope that it will be useful,
   but WITHOUT ANY WARRANTY; without even the implied warranty of
   MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
   Lesser General Public License for more details.

   You should have received a copy of the GNU Lesser General Public
   License along with this library; if not, write to the Free Software
   Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston,
   MA
 02110-1301, USA

Also add information on how to contact you by electronic and paper
mail.

You should also get your employer (if you work as a programmer) or
your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

 Yoyodyne, Inc., hereby disclaims all copyright interest in the
 library `Frob' (a library for tweaking knobs) written by James
Random Hacker.

 <signature of Ty Coon>, 1 April 1990
 Ty Coon, President of Vice

That's all there is to it!

1.16 applejavaextensions 1.4

1.16.1 Available under license :

Found license 'GNU Lesser General Public License' in 'This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation;
either version 2.1 of the License, or (at your option) any later version. This library is distributed in the hope that it
will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY
or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details. You
should have received a copy of the GNU Lesser General Public // permission is granted to use this javascript
provided that the below code is not altered'
FindBugs license
GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]
Preamble
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU
General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the
software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically
libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest
you first think

carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that
 we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make
 sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General
 Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is

little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission
 to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
0. This License Agreement applies to any
 software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications
 to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License
 and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the

Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.
b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility
 is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library,
 the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer
 version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent

access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of
 the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library
 to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library",
 as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials

specified in Subsection 6a, above, for a charge no more than the cost of performing
 this distribution.
d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy. For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both
 them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy,
 modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or
 modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way

you could satisfy both it and this License would be to
 refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12.
 If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version
 published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING,
 BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS
How to Apply These Terms to Your New Libraries
If you develop a new
 library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but
 WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
<?xml version="1.0" encoding="UTF-8" ?>
<!--
Found license 'GNU Lesser General Public License' in '<h1>GNU LESSER GENERAL PUBLIC LICENSE</h1> as the successor of the GNU Library Public License, version 2, hence freedom to share and change it. By contrast, the GNU General Public This license, the Lesser General Public License, applies to some this license or the ordinary General Public License is the better not price. Our General Public Licenses are designed to make sure that ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with We call this license the "Lesser" General Public License because it Public License. It also provides other free software developers

Less are the reason we use the ordinary General Public License for many software only, so we use the Lesser General Public License. In other cases, permission to use a particular library in non-free free software. For example, permission to use the GNU C Library in Although the Lesser General Public License is Less protective of the other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). which has been distributed under these terms. A "work based on the These requirements apply to the modified work as a whole. If You may opt to apply the terms of the ordinary GNU General Public that they refer to the ordinary GNU General Public License, version 2, ordinary GNU General Public License has appeared, then you can specify that copy, so the ordinary GNU General Public License applies to all must be distributed under the terms of Sections 1 and 2 above on a specified in Subsection 6a, above, for a charge

no more reproducing the executable from it. However, as a special exception, restrictions of other proprietary libraries that do not normally facilities. This must be distributed under the terms of the implemented by public license practices. Many people have made versions of the Lesser General Public License from time to time. copyrighted by the Free Software Foundation, write to the Free redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License). This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version. This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public'

Found license 'GNU Lesser General Public License' in 'This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version. This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details. You should have received a copy of the GNU Lesser General Public'

1.17 asm 5.0.2

1.18 java-servlet-api 3.1.0

1.18.1 Available under license :

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0

1. Definitions.

1.1. Contributor. means each individual or entity that creates or contributes to the creation of Modifications.

1.2. Contributor Version. means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.

1.3. Covered Software. means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. Executable. means the Covered Software in any form other than Source Code.

1.5. Initial Developer. means the individual or entity that first makes Original Software available under this License.

1.6. Larger Work. means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. License. means this document.

1.8.
 Licensable. means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. Modifications. means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. Original Software. means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. Patent Claims. means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.12.
 Source Code. means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. You. (or .Your.) means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, .You. includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, .control. means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under
 intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software
 with other software or devices.

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use,

reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the
combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Availability of Source Code.
Any Covered Software that You distribute or otherwise make available in Executable form must also be made available
in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

3.2. Modifications.
The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices.
You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices
contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms.
You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients. rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone,

and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You
 offer.

3.5. Distribution of Executable Versions.
You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient.s rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.6. Larger Works.
You may create a Larger Work by combining Covered
 Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

4. Versions of the License.

4.1. New Versions.
Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

4.2. Effect of New Versions.
You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the
 License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

4.3. Modified Versions.
When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

5. DISCLAIMER OF WARRANTY.

 COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN .AS IS. BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES

THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as .Participant.) alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST PROFITS, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY.S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS.

The Covered Software is a .commercial item,. as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of .commercial computer software. (as that term is defined at 48 C.F.R. ? 252.227-7014(a)(1)) and .commercial

computer software documentation. as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

9. MISCELLANEOUS.

  This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction.s conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys. fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

10. RESPONSIBILITY FOR CLAIMS.

  As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

  NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

  The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software,
 we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer
 you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any
 program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program).

Whether that is true depends on what the Program does.

1. You may copy and distribute
verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

  a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

  b) You must cause any work that you distribute or publish, that
in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

  c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works
in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or
executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

  a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code
for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute
the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the

section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear
 what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions
 either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY
 OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE

PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These
 Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

 One line to give the program's name and a brief idea of what it does.

 Copyright (C)

 This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

 This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY
 or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

 You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

 Gnomovision version 69, Copyright (C) year name of author
 Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits
 your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

  Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

  signature of Ty Coon, 1 April 1989
  Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

"CLASSPATH" EXCEPTION TO THE GPL VERSION 2

Certain source files distributed by Sun Microsystems, Inc. are subject to the following clarification and special exception to the GPL Version 2, but only where Sun has expressly included in the particular
 source file's header the words

"Sun designates this particular file as subject to the "Classpath" exception as provided by Sun in the License file that accompanied this code."

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License Version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module.? An independent module is a module which is not derived from or based on this library.? If you modify this library, you may extend this exception to your version of the library, but
 you are not obligated to do so.? If you do not wish to do so, delete this exception statement from your version.

1.19 apache-httpcomponents-core 4.4.4
1.19.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

  "License" shall mean the terms and conditions for use, reproduction,

and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to

communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and

attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or

implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

===

This project contains annotations in the package org.apache.http.annotation
which are derived from JCIP-ANNOTATIONS
Copyright (c) 2005 Brian Goetz and Tim Peierls.
See http://www.jcip.net and the Creative Commons Attribution License
(http://creativecommons.org/licenses/by/2.5)
Full text: http://creativecommons.org/licenses/by/2.5/legalcode

License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS
PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR
OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS
LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. THE
 LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

   "Collective Work" means a work, such as a periodical issue, anthology or encyclopedia, in which the Work in its entirety in unmodified form, along with a number of other contributions, constituting separate and independent works in themselves, are assembled into a collective whole. A work that constitutes a Collective Work will not be considered a Derivative Work (as defined below) for the purposes of this License.
   "Derivative Work" means a work based upon the Work or upon the Work and other pre-existing works, such as a translation, musical arrangement, dramatization, fictionalization, motion picture version, sound recording, art reproduction, abridgment, condensation, or any other form in which the Work may be recast, transformed, or adapted, except that a work that constitutes a Collective Work will not be considered a Derivative Work for the purpose
 of this License. For the avoidance of doubt, where the Work is a musical composition or sound recording, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered a Derivative Work for the purpose of this License.
   "Licensor" means the individual or entity that offers the Work under the terms of this License.
   "Original Author" means the individual or entity who created the Work.
   "Work" means the copyrightable work of authorship offered under the terms of this License.
   "You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

2. Fair Use Rights. Nothing in this license is intended to reduce, limit, or restrict any rights arising from fair use, first sale or other limitations on the exclusive rights of the
 copyright owner under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

   to reproduce the Work, to incorporate the Work into one or more Collective Works, and to reproduce the Work as incorporated in the Collective Works;
   to create and reproduce Derivative Works;
   to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission the Work including as incorporated in Collective Works;
   to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission Derivative Works.

   For the avoidance of doubt, where the work is a musical composition:
      Performance Royalties Under Blanket Licenses.
 Licensor waives the exclusive right to collect, whether individually or via a performance rights society (e.g. ASCAP, BMI, SESAC), royalties for the public performance or public digital performance (e.g. webcast) of the Work.
      Mechanical Rights and Statutory Royalties. Licensor waives the exclusive right to collect, whether individually

or via a music rights agency or designated agent (e.g. Harry Fox Agency), royalties for any phonorecord You create from the Work ("cover version") and distribute, subject to the compulsory license created by 17 USC Section 115 of the US Copyright Act (or the equivalent in other jurisdictions).

Webcasting Rights and Statutory Royalties. For the avoidance of doubt, where the Work is a sound recording, Licensor waives the exclusive right to collect, whether individually or via a performance-rights society (e.g. SoundExchange), royalties for the public digital performance (e.g. webcast) of the Work, subject to the compulsory license created
by 17 USC Section 114 of the US Copyright Act (or the equivalent in other jurisdictions).

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. All rights not expressly granted by Licensor are hereby reserved.

4. Restrictions.The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

You may distribute, publicly display, publicly perform, or publicly digitally perform the Work only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy or phonorecord of the Work You distribute, publicly display, publicly perform, or publicly digitally perform. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise
of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute, publicly display, publicly perform, or publicly digitally perform the Work with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License Agreement. The above applies to the Work as incorporated in a Collective Work, but this does not require the Collective Work apart from the Work itself to be made subject to the terms of this License. If You create a Collective Work, upon notice from any Licensor You must, to the extent practicable, remove from the Collective Work any credit as required by clause 4(b), as requested. If You create a Derivative Work, upon notice from any Licensor You must, to the extent practicable, remove from the Derivative Work any credit as required by clause 4(b), as requested.
If you distribute, publicly display,
publicly perform, or publicly digitally perform the Work or any Derivative Works or Collective Works, You must keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or (ii) if the Original Author and/or Licensor designate another party or parties (e.g. a sponsor institute, publishing entity, journal) for attribution in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; the title of the Work if supplied; to the extent reasonably practicable, the Uniform Resource Identifier, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and in the case of a Derivative Work, a credit identifying the use of the Work in the Derivative Work (e.g., "French translation of the Work by Original Author,"
or "Screenplay based on original Work by Original Author"). Such credit may be implemented in any reasonable manner; provided, however, that in the case of a Derivative Work or Collective Work, at a minimum such credit will appear where any other comparable authorship credit appears and in a manner at least as prominent as such other comparable authorship credit.

5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS

THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTIBILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on
 Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination

   This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Derivative Works or Collective Works from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.
   Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the
 Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

8. Miscellaneous

   Each time You distribute or publicly digitally perform the Work or a Collective Work, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.
   Each time You distribute or publicly digitally perform a Derivative Work, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.
   If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of
 this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.
   No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.
   This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

===

This project contains annotations in the package org.apache.http.annotation
which are derived from JCIP-ANNOTATIONS

License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS
PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR
OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS
LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE
BOUND BY THE TERMS OF THIS LICENSE. THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED
HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

   "Collective Work" means a work, such as a
 periodical issue, anthology or encyclopedia, in which the Work in its entirety in unmodified form, along with a
number of other contributions, constituting separate and independent works in themselves, are assembled into a
collective whole. A work that constitutes a Collective Work will not be considered a Derivative Work (as defined
below) for the purposes of this License.
   "Derivative Work" means a work based upon the Work or upon the Work and other pre-existing works, such as a
translation, musical arrangement, dramatization, fictionalization, motion picture version, sound recording, art
reproduction, abridgment, condensation, or any other form in which the Work may be recast, transformed, or
adapted, except that a work that constitutes a Collective Work will not be considered a Derivative Work for the
purpose of this License. For the avoidance of doubt, where the Work is a musical composition or sound recording,
the synchronization of the Work in timed-relation with a moving image
 ("synching") will be considered a Derivative Work for the purpose of this License.
   "Licensor" means the individual or entity that offers the Work under the terms of this License.
   "Original Author" means the individual or entity who created the Work.
   "Work" means the copyrightable work of authorship offered under the terms of this License.
   "You" means an individual or entity exercising rights under this License who has not previously violated the terms
of this License with respect to the Work, or who has received express permission from the Licensor to exercise
rights under this License despite a previous violation.

2. Fair Use Rights. Nothing in this license is intended to reduce, limit, or restrict any rights arising from fair use,
first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable
laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide,
 royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in
the Work as stated below:

   to reproduce the Work, to incorporate the Work into one or more Collective Works, and to reproduce the Work as
incorporated in the Collective Works;
   to create and reproduce Derivative Works;

to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission the Work including as incorporated in Collective Works;

to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission Derivative Works.

For the avoidance of doubt, where the work is a musical composition:

Performance Royalties Under Blanket Licenses. Licensor waives the exclusive right to collect, whether individually or via a performance rights society (e.g. ASCAP, BMI, SESAC), royalties for the public performance or public digital performance (e.g. webcast) of the Work.

Mechanical Rights and Statutory Royalties. Licensor waives the exclusive right to collect, whether individually or via a music rights agency or designated agent (e.g. Harry Fox Agency), royalties for any phonorecord You create from the Work ("cover version") and distribute, subject to the compulsory license created by 17 USC Section 115 of the US Copyright Act (or the equivalent in other jurisdictions).

Webcasting Rights and Statutory Royalties. For the avoidance of doubt, where the Work is a sound recording, Licensor waives the exclusive right to collect, whether individually or via a performance-rights society (e.g. SoundExchange), royalties for the public digital performance (e.g. webcast) of the Work, subject to the compulsory license created by 17 USC Section 114 of the US Copyright Act (or the equivalent in other jurisdictions).

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. All rights not expressly granted by Licensor are hereby reserved.

4. Restrictions.The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

You may distribute, publicly display, publicly perform, or publicly digitally perform the Work only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy or phonorecord of the Work You distribute, publicly display, publicly perform, or publicly digitally perform. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute, publicly display, publicly perform, or publicly digitally perform the Work with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License Agreement. The above applies to the Work as incorporated in a Collective Work, but this does not require the Collective Work apart from the Work itself to be made subject to the terms of this License. If You create a Collective Work, upon notice from any Licensor You must, to the extent practicable, remove from the Collective Work any credit as required by clause 4(b), as requested. If You create a Derivative Work, upon notice from any Licensor You must, to the extent practicable, remove from the Derivative Work any credit as required by clause 4(b), as requested.

If you distribute, publicly display, publicly perform, or publicly digitally perform the Work or any Derivative Works or Collective Works, You must keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or (ii) if the Original Author and/or Licensor designate another party or parties (e.g. a sponsor institute, publishing entity, journal) for attribution in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; the title of the Work if supplied; to the extent reasonably practicable, the Uniform Resource Identifier, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and in the case of a Derivative Work, a credit identifying the use of the Work in the Derivative Work (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). Such credit may be

implemented in any reasonable manner; provided, however, that in the case of a Derivative
Work or Collective Work, at a minimum such credit will appear where any other comparable authorship credit
appears and in a manner at least as prominent as such other comparable authorship credit.

5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS
THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND
CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT
LIMITATION, WARRANTIES OF TITLE, MERCHANTIBILITY, FITNESS FOR A PARTICULAR PURPOSE,
NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE
PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO
NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY
TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT
WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL,
CONSEQUENTIAL, PUNITIVE
OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF
LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination

  This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of
this License. Individuals or entities who have received Derivative Works or Collective Works from You under this
License, however, will not have their licenses terminated provided such individuals or entities remain in full
compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.
  Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable
copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different
license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to
withdraw this License (or any other
 license that has been, or is required to be, granted under the terms of this License), and this License will continue in
full force and effect unless terminated as stated above.

8. Miscellaneous

  Each time You distribute or publicly digitally perform the Work or a Collective Work, the Licensor offers to the
recipient a license to the Work on the same terms and conditions as the license granted to You under this License.
  Each time You distribute or publicly digitally perform a Derivative Work, Licensor offers to the recipient a license
to the original Work on the same terms and conditions as the license granted to You under this License.
  If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or
enforceability of the remainder of the terms of this License, and without further action by the parties to this
agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and
 enforceable.
  No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or
consent shall be in writing and signed by the party to be charged with such waiver or consent.
  This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are
no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be

bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

Apache HttpComponents Core

Copyright 2005-2015 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

This project contains annotations derived from JCIP-ANNOTATIONS
Copyright (c) 2005 Brian Goetz and Tim Peierls. See http://www.jcip.net
This project contains annotations derived from JCIP-ANNOTATIONS
Copyright (c) 2005 Brian Goetz and Tim Peierls. See http://www.jcip.net

1.20 animal-sniffer-annotation 1.14

1.20.1 Available under license :

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

1.21 google-guice 4.0

1.21.1 Available under license :

Struts 2 Core

Copyright 2000-2010 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object

form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License,

each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate

as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work

by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

<div align="center">

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

</div>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

   "License" shall mean the terms and conditions for use, reproduction,
   and distribution as defined by Sections 1 through 9 of this document.

   "Licensor" shall mean the copyright owner or entity authorized by
   the copyright owner that is granting the License.

   "Legal Entity" shall mean the union of the acting entity and all
   other entities that control, are controlled by, or are under common
   control with that entity. For the purposes of this definition,
   "control" means (i) the power, direct or indirect, to cause the
   direction or management of such entity, whether by contract or
   otherwise, or (ii) ownership of fifty percent (50%) or more of the
   outstanding shares, or (iii)
beneficial ownership of such entity.

   "You" (or "Your") shall mean an individual or Legal Entity

exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the
Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication
on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,

publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

   3. Grant
of Patent License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as
of the date such litigation is filed.

   4. Redistribution. You may reproduce and distribute copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must

    include a readable copy of the attribution notices contained
       within such NOTICE file, excluding those notices that do not
       pertain to any part of the Derivative Works, in at least one
       of the following places: within a NOTICE text file distributed
       as part of the Derivative Works; within the Source form or
       documentation, if provided along with the Derivative Works; or,
       within a display generated by the Derivative Works, if and

wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own
copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names
of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law
(such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the

Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole
responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed
under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
                    Apache License
                Version 2.0, January 2004
              http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License,
each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding
those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

    You may add Your own copyright statement to Your modifications and
    may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
    for any such Derivative Works as a whole, provided Your use,
    reproduction, and distribution of the Work otherwise complies with
    the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
    any Contribution intentionally submitted for inclusion in the Work
    by You to the Licensor shall be under the terms and conditions of
    this License, without any additional terms or conditions.
    Notwithstanding the above, nothing herein shall supersede or modify
    the terms of any separate license agreement you may have executed
    with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
    names, trademarks, service marks, or product names of the Licensor,
    except as required for reasonable and customary use in describing the
    origin of the Work and reproducing the

content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.
This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).
/**
* Copyright (C) 2006 Google Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
Apache Commons Lang
Copyright 2001-2008 The Apache Software Foundation

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).

XWork: Core
Copyright 2000-2010 Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).
FreeMarker 1.x was released under the LGPL license. Later, by community
consensus, we have switched over to a BSD-style license. As of FreeMarker
2.2pre1, the original author, Benjamin Geer, has relinquished the copyright in
behalf of Visigoth Software Society. The current copyright holder is the
Visigoth Software Society.

Copyright (c) 2003 The Visigoth Software Society. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,
   this list of conditions and the following disclaimer.

2. The end-user documentation included with the redistribution, if any, must
   include the following acknowlegement:
      "This product includes software developed by the
      Visigoth Software Society (http://www.visigoths.org/)."
   Alternately,
 this acknowlegement may appear in the software itself, if and
   wherever such third-party acknowlegements normally appear.

3. Neither the name "FreeMarker", "Visigoth", nor any of the names of the
   project contributors may be used to endorse or promote products derived
   from this software without prior written permission. For written
   permission, please contact visigoths@visigoths.org.

4. Products derived from this software may not be called "FreeMarker" or
   "Visigoth" nor may "FreeMarker" or "Visigoth" appear in their names
   without prior written permission of the Visigoth Software Society.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES,

INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
VISIGOTH SOFTWARE SOCIETY OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
BUT
 NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY
OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE,
EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software consists of voluntary contributions made by many individuals on
behalf of the Visigoth Software Society. For more information on the Visigoth
Software Society, please see http://www.visigoths.org/
This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).
ASM: a very small and fast Java bytecode manipulation framework
Copyright (c) 2000,2002,2003 INRIA, France Telecom
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
  notice, this list of conditions and the following disclaimer in the
  documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holders nor the names of its
  contributors may be used to endorse or promote products derived from
  this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY
 AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
THE POSSIBILITY OF SUCH DAMAGE.

Apache License
Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including

the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

 2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

 3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or

Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding
those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the

origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier

identification within third-party archives.

Copyright 1999-2005 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
Copyright 2001-2005 (C) MetaStuff, Ltd. All Rights Reserved.

Redistribution and use of this software and associated documentation
("Software"), with or without modification, are permitted provided
that the following conditions are met:

1. Redistributions of source code must retain copyright
   statements and notices. Redistributions must also contain a
   copy of this document.

2. Redistributions in binary form must reproduce the
   above copyright notice, this list of conditions and the
   following disclaimer in the documentation and/or other
   materials provided with the distribution.

3. The name "DOM4J" must not be used to endorse or promote
   products derived from this Software without prior written
   permission of MetaStuff, Ltd. For written permission,
   please contact dom4j-info@metastuff.com.

4. Products derived from this Software may not be called "DOM4J"
   nor may "DOM4J" appear in their names without prior written
   permission of MetaStuff,
   Ltd. DOM4J is a registered
   trademark of MetaStuff, Ltd.

5. Due credit should be given to the DOM4J Project -
   http://www.dom4j.org

THIS SOFTWARE IS PROVIDED BY METASTUFF, LTD. AND CONTRIBUTORS
``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT
NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND

FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL
METASTUFF, LTD. OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
OF THE POSSIBILITY OF SUCH DAMAGE.
Specification: JSR-000220 Enterprise JavaBeans v.3.0 ("Specification")
Version: 3.0
Status: Final Release
Release: 8 May 2006
Copyright 2006 SUN MICROSYSTEMS, INC.
4150 Network Circle, Santa Clara, California 95054, U.S.A
All rights reserved.
LIMITED LICENSE GRANTS
1. _License for Evaluation Purposes_. Sun hereby grants you a fully-paid, non-exclusive, non-transferable,
worldwide, limited license (without the right to sublicense), under Suns applicable intellectual
property rights to view, download, use and reproduce the Specification only for the purpose of internal
evaluation. This includes (i) developing applications intended to run on an implementation of the Specification,
provided that such applications do not themselves implement any portion(s) of the Specification,
and (ii) discussing the Specification with any third party; and (iii) excerpting brief portions of the
Specification in oral or written communications which discuss the Specification provided that such excerpts
do not
 in the aggregate constitute a significant portion of the Specification.
2. _License for the Distribution of Compliant Implementations_. Sun also grants you a perpetual, nonexclusive,
non-transferable, worldwide, fully paid-up, royalty free, limited license (without the right to
sublicense) under any applicable copyrights or, subject to the provisions of subsection 4 below, patent
rights it may have covering the Specification to create and/or distribute an Independent Implementation
of the Specification that: (a) fully implements the Specification including all its required interfaces and
functionality; (b) does not modify, subset, superset or otherwise extend the Licensor Name Space, or include
any public or protected packages, classes, Java interfaces, fields or methods within the Licensor
Name Space other than those required/authorized by the Specification or Specifications being implemented;
and (c) passes the Technology Compatibility Kit (including satisfying the requirements of the
applicable
 TCK Users Guide) for such Specification ("Compliant Implementation"). In addition, the
foregoing license is expressly conditioned on your not acting outside its scope. No license is granted
hereunder for any other purpose (including, for example, modifying the Specification, other than to the
extent of your fair use rights, or distributing the Specification to third parties). Also, no right, title, or
interest in or to any trademarks, service marks, or trade names of Sun or Suns licensors is granted hereunder.
Java, and Java-related logos, marks and names are trademarks or registered trademarks of Sun Microsystems,
Inc. in the U.S. and other countries.
3. _Pass-through Conditions_. You need not include limitations (a)-(c) from the previous paragraph or
any other particular "pass through" requirements in any license You grant concerning the use of your Independent
Implementation or products derived from it. However, except with respect to Independent Implementations
(and products

derived from them) that satisfy limitations (a)-(c) from the previous

paragraph, You may neither: (a) grant or otherwise pass through to your licensees any licenses under

Suns applicable intellectual property rights; nor (b) authorize your licensees to make any claims concerning

their implementations compliance with the Specification in question.

4. _Reciprocity Concerning Patent Licenses_.

a. With respect to any patent claims covered by the license granted under subparagraph 2 above that

would be infringed by all technically feasible implementations of the Specification, such license is conditioned

upon your offering on fair, reasonable and non-discriminatory terms, to any party seeking it

from You, a perpetual, non-exclusive, non-transferable, worldwide license under Your patent rights

which are or would be infringed by all technically feasible implementations of the Specification to develop,

distribute and use a Compliant Implementation.

b With respect to any patent claims owned

 by Sun and covered by the license granted under subparagraph

2, whether or not their infringement can be avoided in a technically feasible manner when implementing

the Specification, such license shall terminate with respect to such claims if You initiate a claim against

Sun that it has, in the course of performing its responsibilities as the Specification Lead, induced any other

entity to infringe Your patent rights.

c Also with respect to any patent claims owned by Sun and covered by the license granted under subparagraph

2 above, where the infringement of such claims can be avoided in a technically feasible manner

when implementing the Specification such license, with respect to such claims, shall terminate if You

initiate a claim against Sun that its making, having made, using, offering to sell, selling or importing a

Compliant Implementation infringes Your patent rights.

5. _Definitions_. For the purposes of this Agreement: "Independent Implementation" shall mean an implementation
of

 the Specification that neither derives from any of Suns source code or binary code materials

nor, except with an appropriate and separate license from Sun, includes any of Suns source code

or binary code materials; "Licensor Name Space" shall mean the public class or interface declarations

whose names begin with "java", "javax", "com.sun" or their equivalents in any subsequent naming convention

adopted by Sun through the Java Community Process, or any recognized successors or replacements

thereof; and "Technology Compatibility Kit" or "TCK" shall mean the test suite and

accompanying TCK Users Guide provided by Sun which corresponds to the Specification and that was

available either (i) from Sun 120 days before the first release of Your Independent Implementation that

allows its use for commercial purposes, or (ii) more recently than 120 days from such release but against

which You elect to test Your implementation of the Specification.

This Agreement will terminate immediately

 without notice from Sun if you breach the Agreement or act

outside the scope of the licenses granted above.

DISCLAIMER OF WARRANTIES

THE SPECIFICATION IS PROVIDED "AS IS". SUN MAKES NO REPRESENTATIONS OR WARRANTIES,

EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES

OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT

(INCLUDING AS A CONSEQUENCE OF ANY PRACTICE OR IMPLEMENTATION

OF THE SPECIFICATION), OR THAT THE CONTENTS OF THE SPECIFICATION ARE

SUITABLE FOR ANY PURPOSE. This document does not represent any commitment to release or implement

any portion of the Specification in any product. In addition, the Specification could include technical

inaccuracies or typographical errors.

LIMITATION OF LIABILITY

TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL SUN OR ITS LICENSORS

BE LIABLE FOR ANY DAMAGES, INCLUDING WITHOUT LIMITATION, LOST REVENUE, PROFITS OR DATA, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED
 AND REGARDLESS OF THE THEORY OF LIABILITY,
ARISING OUT OF OR RELATED IN ANY WAY TO YOUR HAVING, IMPLEMENTING OR OTHERWISE USING THE SPECIFICATION, EVEN IF SUN AND/OR ITS LICENSORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
You will indemnify, hold harmless, and defend Sun and its licensors from any claims arising or resulting from: (i) your use of the Specification; (ii) the use or distribution of your Java application, applet and/or implementation; and/or (iii) any claims that later versions or releases of any Specification furnished to you are incompatible with the Specification provided to you under this license.

RESTRICTED RIGHTS LEGEND
U.S. Government: If this Specification is being acquired by or on behalf of the U.S. Government or by a U.S. Government prime contractor or subcontractor (at any tier), then the Governments rights in the Software and accompanying documentation shall be only as set forth in this license; this is in accordance with 48 C.F.R. 227.7201 through
 227.7202-4 (for Department of Defense (DoD) acquisitions) and with
48 C.F.R. 2.101 and 12.212 (for non-DoD acquisitions).
REPORT
If you provide Sun with any comments or suggestions concerning the Specification ("Feedback"), you hereby: (i) agree that such Feedback is provided on a non-proprietary and non-confidential basis, and (ii) grant Sun a perpetual, non-exclusive, worldwide, fully paid-up, irrevocable license, with the right to sublicense through multiple levels of sublicensees, to incorporate, disclose, and use without limitation the Feedback for any purpose.
GENERAL TERMS
Any action related to this Agreement will be governed by California law and controlling U.S. federal law. The U.N. Convention for the International Sale of Goods and the choice of law rules of any jurisdiction will not apply.
The Specification is subject to U.S. export control laws and may be subject to export or import regulations in other countries. Licensee agrees to comply strictly with all such laws and
 regulations and acknowledges
that it has the responsibility to obtain such licenses to export, re-export or import as may be required after delivery to Licensee.
This Agreement is the parties entire agreement relating to its subject matter. It supersedes all prior or contemporaneous oral or written communications, proposals, conditions, representations and warranties and prevails over any conflicting or additional terms of any quote, order, acknowledgment, or other communication between the parties relating to its subject matter during the term of this Agreement. No modification to this Agreement will be binding, unless in writing and signed by an authorized representative of each party.
Rev. April, 2006
Sun/Final/Full
Apache Struts
Copyright 2000-2007 The Apache Software Foundation

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).
domTT (http://www.mojavelinux.com/projects/domtooltip/).

The binary distributions includes the following third party software:

FreeMarker (http://freemarker.org/).

OGNL (http://www.opensymphony.com/ognl/).

XWork (http://www.opensymphony.com/xwork/).

Apache Jakarta Commons IO

Copyright 2001-2007 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation (http://www.apache.org/).

```
==========================================================================
==  NOTICE file corresponding to the section 4 d of            ==
==  the Apache License, Version 2.0,                     ==
==  in this case for the Apache Ant distribution.             ==
==========================================================================
```

This product includes software developed by

The Apache Software Foundation (http://www.apache.org/).

This product includes also software developed by :

 - the W3C consortium (http://www.w3c.org) ,

 - the SAX project (http://www.saxproject.org)

Please read the different LICENSE files present in the root directory of

this distribution.

Apache Felix Main

Copyright 2010 The Apache Software Foundation

I. Included Software

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Licensed under the Apache License 2.0.

This product includes software developed at

The OSGi Alliance (http://www.osgi.org/).

Copyright (c) OSGi Alliance (2000, 2009).

Licensed under the Apache License 2.0.

II. Used Software

This product uses software developed at

The OSGi Alliance (http://www.osgi.org/).

Copyright (c) OSGi Alliance (2000, 2009).

Licensed under the Apache License 2.0.

This product uses software developed at
The Codehaus (http://www.codehaus.org)
Licensed under the Apache License 2.0.

III. License Summary
- Apache License 2.0

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or
(iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object

form, that is based on (or derived from)
the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication
on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant
of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses

granted to You under this License for that Work shall terminate
as
of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own
copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,

any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names
of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law
(such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your
sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
/* ==
* The OpenSymphony Software License, Version 1.1
*
* (this license is derived and fully compatible with the Apache Software
* License - see http://www.apache.org/LICENSE.txt)
*
* Copyright (c) 2001-2004 The OpenSymphony Group. All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in
*   the documentation and/or other materials provided with the
*   distribution.
*
* 3. The end-user documentation included with the redistribution,

```
*    if any, must include the following acknowledgment:
*       "This product
 includes software developed by the
*        OpenSymphony Group (http://www.opensymphony.com/)."
*    Alternately, this acknowledgment may appear in the software itself,
*    if and wherever such third-party acknowledgments normally appear.
*
* 4. The names "OpenSymphony" and "The OpenSymphony Group"
*    must not be used to endorse or promote products derived from this
*    software without prior written permission. For written
*    permission, please contact license@opensymphony.com .
*
* 5. Products derived from this software may not be called "OpenSymphony"
*    or "XWork", nor may "OpenSymphony" or "XWork" appear in their
*    name, without prior written permission of the OpenSymphony Group.
*
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED
* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
* DISCLAIMED.  IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR
* ITS CONTRIBUTORS
 BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
* LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
* USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
* ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
* OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
* OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
* ====================================================================
*/
```

                    Apache License
                Version 2.0, January 2004
              http://www.apache.org/licenses/

  TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

  1. Definitions.

     "License" shall mean the terms and conditions for use, reproduction,
     and distribution as defined by Sections 1 through 9 of this document.

     "Licensor" shall mean the copyright owner or entity authorized by
     the copyright owner that is granting the License.

     "Legal Entity" shall mean the union of the acting entity and all

other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and
limitations under the License.
Apache Commons FileUpload
Copyright 2002-2008 The Apache Software Foundation

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).
```
/*
*                      Apache License
*                   Version 2.0, January 2004
*                http://www.apache.org/licenses/
*
*   TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION
*
*   1. Definitions.
*
*      "License" shall mean the terms and conditions for use, reproduction,
*      and distribution as defined by Sections 1 through 9 of this document.
*
*      "Licensor" shall mean the copyright owner or entity authorized by
*      the copyright owner that is granting the License.
*
*      "Legal Entity" shall mean the union of the acting entity and all
*      other entities that control, are controlled by, or are under common
*      control with that entity. For the purposes of this definition,
*      "control" means (i) the power, direct or indirect, to cause the
*      direction or management of such entity, whether by contract or
*      otherwise, or (ii) ownership of fifty percent (50%) or more of the
*
outstanding shares, or (iii) beneficial ownership of such entity.
*
*      "You" (or "Your") shall mean an individual or Legal Entity
*      exercising permissions granted by this License.
*
*      "Source" form shall mean the preferred form for making modifications,
*      including but not limited to software source code, documentation
*      source, and configuration files.
*
*      "Object" form shall mean any form resulting from mechanical
*      transformation or translation of a Source form, including but
*      not limited to compiled object code, generated documentation,
*      and conversions to other media types.
*
*      "Work" shall mean the work of authorship, whether in Source or
*      Object form, made available under the License, as indicated by a
*      copyright notice that is included in or attached to the work
*      (an example is provided in the Appendix below).
*
```

* "Derivative Works" shall mean any work, whether in Source or Object
*
  form, that is based on (or derived from) the Work and for which the
* editorial revisions, annotations, elaborations, or other modifications
* represent, as a whole, an original work of authorship. For the purposes
* of this License, Derivative Works shall not include works that remain
* separable from, or merely link (or bind by name) to the interfaces of,
* the Work and Derivative Works thereof.
*
* "Contribution" shall mean any work of authorship, including
* the original version of the Work and any modifications or additions
* to that Work or Derivative Works thereof, that is intentionally
* submitted to Licensor for inclusion in the Work by the copyright owner
* or by an individual or Legal Entity authorized to submit on behalf of
* the copyright owner. For the purposes of this definition, "submitted"
* means any form of electronic, verbal, or written communication sent
* to the Licensor or its representatives,
  including but not limited to
* communication on electronic mailing lists, source code control systems,
* and issue tracking systems that are managed by, or on behalf of, the
* Licensor for the purpose of discussing and improving the Work, but
* excluding communication that is conspicuously marked or otherwise
* designated in writing by the copyright owner as "Not a Contribution."
*
* "Contributor" shall mean Licensor and any individual or Legal Entity
* on behalf of whom a Contribution has been received by Licensor and
* subsequently incorporated within the Work.
*
* 2. Grant of Copyright License. Subject to the terms and conditions of
*   this License, each Contributor hereby grants to You a perpetual,
*   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
*   copyright license to reproduce, prepare Derivative Works of,
*   publicly display, publicly perform, sublicense, and distribute the
*
    Work and such Derivative Works in Source or Object form.
*
* 3. Grant of Patent License. Subject to the terms and conditions of
*   this License, each Contributor hereby grants to You a perpetual,
*   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
*   (except as stated in this section) patent license to make, have made,
*   use, offer to sell, sell, import, and otherwise transfer the Work,
*   where such license applies only to those patent claims licensable
*   by such Contributor that are necessarily infringed by their
*   Contribution(s) alone or by combination of their Contribution(s)
*   with the Work to which such Contribution(s) was submitted. If You
*   institute patent litigation against any entity (including a
*   cross-claim or counterclaim in a lawsuit) alleging that the Work
*   or a Contribution incorporated within the Work constitutes direct

```
 *     or contributory patent infringement, then any patent licenses
 *      granted to You under this License for that Work shall terminate
 *     as of the date such litigation is filed.
 *
 *   4. Redistribution. You may reproduce and distribute copies of the
 *     Work or Derivative Works thereof in any medium, with or without
 *     modifications, and in Source or Object form, provided that You
 *     meet the following conditions:
 *
 *     (a) You must give any other recipients of the Work or
 *         Derivative Works a copy of this License; and
 *
 *     (b) You must cause any modified files to carry prominent notices
 *         stating that You changed the files; and
 *
 *     (c) You must retain, in the Source form of any Derivative Works
 *         that You distribute, all copyright, patent, trademark, and
 *         attribution notices from the Source form of the Work,
 *         excluding those notices that do not pertain to any part of
 *         the Derivative Works; and
 *
 *     (d) If the Work includes a "NOTICE"
text file as part of its
 *         distribution, then any Derivative Works that You distribute must
 *         include a readable copy of the attribution notices contained
 *         within such NOTICE file, excluding those notices that do not
 *         pertain to any part of the Derivative Works, in at least one
 *         of the following places: within a NOTICE text file distributed
 *         as part of the Derivative Works; within the Source form or
 *         documentation, if provided along with the Derivative Works; or,
 *         within a display generated by the Derivative Works, if and
 *         wherever such third-party notices normally appear. The contents
 *         of the NOTICE file are for informational purposes only and
 *         do not modify the License. You may add Your own attribution
 *         notices within Derivative Works that You distribute, alongside
 *         or as an addendum to the NOTICE text from the Work, provided
 *         that
such additional attribution notices cannot be construed
 *         as modifying the License.
 *
 *     You may add Your own copyright statement to Your modifications and
 *     may provide additional or different license terms and conditions
 *     for use, reproduction, or distribution of Your modifications, or
 *     for any such Derivative Works as a whole, provided Your use,
 *     reproduction, and distribution of the Work otherwise complies with
 *     the conditions stated in this License.
 *
 *   5. Submission of Contributions. Unless You explicitly state otherwise,
```

```
 *      any Contribution intentionally submitted for inclusion in the Work
 *      by You to the Licensor shall be under the terms and conditions of
 *      this License, without any additional terms or conditions.
 *      Notwithstanding the above, nothing herein shall supersede or modify
 *      the terms of any separate license agreement you may have executed
 *      with Licensor regarding such Contributions.
 *
 *   6. Trademarks. This License does not grant permission to use the trade
 *      names, trademarks, service marks, or product names of the Licensor,
 *      except as required for reasonable and customary use in describing the
 *      origin of the Work and reproducing the content of the NOTICE file.
 *
 *   7. Disclaimer of Warranty. Unless required by applicable law or
 *      agreed to in writing, Licensor provides the Work (and each
 *      Contributor provides its Contributions) on an "AS IS" BASIS,
 *      WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 *      implied, including, without limitation, any warranties or conditions
 *      of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
 *      PARTICULAR PURPOSE. You are solely responsible for determining the
 *      appropriateness of using or redistributing the Work and assume any
 *      risks associated with Your exercise of permissions under this License.
 *
 *   8. Limitation of Liability.
 In no event and under no legal theory,
 *      whether in tort (including negligence), contract, or otherwise,
 *      unless required by applicable law (such as deliberate and grossly
 *      negligent acts) or agreed to in writing, shall any Contributor be
 *      liable to You for damages, including any direct, indirect, special,
 *      incidental, or consequential damages of any character arising as a
 *      result of this License or out of the use or inability to use the
 *      Work (including but not limited to damages for loss of goodwill,
 *      work stoppage, computer failure or malfunction, or any and all
 *      other commercial damages or losses), even if such Contributor
 *      has been advised of the possibility of such damages.
 *
 *   9. Accepting Warranty or Additional Liability. While redistributing
 *      the Work or Derivative Works thereof, You may choose to offer,
 *      and charge a fee for, acceptance of support, warranty, indemnity,
 *      or other
 liability obligations and/or rights consistent with this
 *      License. However, in accepting such obligations, You may act only
 *      on Your own behalf and on Your sole responsibility, not on behalf
 *      of any other Contributor, and only if You agree to indemnify,
 *      defend, and hold each Contributor harmless for any liability
 *      incurred by, or claims asserted against, such Contributor by reason
 *      of your accepting any such warranty or additional liability.
 *
 *   END OF TERMS AND CONDITIONS
```

```
*        Apache Software Foundation (http://www.apache.org/)."
*    Alternately, this
 acknowledgment may appear in the software itself,
*    if and wherever such third-party acknowledgments normally appear.
*
* 4. The names "Apache" and "Apache Software Foundation", "Jakarta-Oro"
*    must not be used to endorse or promote products derived from this
*    software without prior written permission. For written
*    permission, please contact apache@apache.org.
*
* 5. Products derived from this software may not be called "Apache"
*    or "Jakarta-Oro", nor may "Apache" or "Jakarta-Oro" appear in their
*    name, without prior written permission of the Apache Software Foundation.
*
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED
* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
* DISCLAIMED.  IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
 BUT NOT
* LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
* USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
* ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
* OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
* OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
* ====================================================================
*
* This software consists of voluntary contributions made by many
* individuals on behalf of the Apache Software Foundation.  For more
* information on the Apache Software Foundation, please see
* <http://www.apache.org/>.
*/
/* ====================================================================
* The OpenSymphony Software License, Version 1.1
*
* (this license is derived and fully compatible with the Apache Software
* License - see http://www.apache.org/LICENSE.txt)
*
* Copyright (c) 2001-2004 The OpenSymphony Group. All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*    notice, this list of conditions and the following disclaimer.
```

```
*
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in
*    the documentation and/or other materials provided with the
*    distribution.
*
* 3. The end-user documentation included with the redistribution,
*    if any, must include the following acknowledgment:
*       "This product
 includes software developed by the
*        OpenSymphony Group (http://www.opensymphony.com/)."
*    Alternately, this acknowledgment may appear in the software itself,
*    if and wherever such third-party acknowledgments normally appear.
*
* 4. The names "OpenSymphony" and "The OpenSymphony Group"
*    must not be used to endorse or promote products derived from this
*    software without prior written permission. For written
*    permission, please contact license@opensymphony.com .
*
* 5. Products derived from this software may not be called "OpenSymphony"
*    or "OGNL", nor may "OpenSymphony" or "OGNL" appear in their
*    name, without prior written permission of the OpenSymphony Group.
*
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED
* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
* DISCLAIMED.  IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR
* ITS CONTRIBUTORS
 BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
* LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
* USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
* ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
* OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
* OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
* ========================================================================
*/
```

1.22 findbugs-jsr305 1.3.9

1.22.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright (c) 2005 Brian Goetz
* Released under the Creative Commons Attribution License
```

* (http://creativecommons.org/licenses/by/2.5)
* Official home: http://www.jcip.net
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1010092589_1591857556.34/0/jsr305-1-3-9-
jar/javax/annotation/concurrent/GuardedBy.java
* /opt/ws_local/PERMITS_SQL/1010092589_1591857556.34/0/jsr305-1-3-9-
jar/javax/annotation/concurrent/NotThreadSafe.java
* /opt/ws_local/PERMITS_SQL/1010092589_1591857556.34/0/jsr305-1-3-9-
jar/javax/annotation/concurrent/Immutable.java

1.23 reflections 0.9.9

1.23.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* The reflection project, is collection of reflection tools I've picked up
* along the way, use it wisely!
*
* Copyright (C) 2017 Adam van der Kruk aka TacB0sS
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-
jar/com/nu/art/reflection/tools/BidirectionalActionImpl.java
* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-
jar/com/nu/art/reflection/extractor/ExtractionManager.java
*
 /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-
jar/com/nu/art/reflection/exceptions/WrongParameterType.java
* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-
jar/com/nu/art/reflection/annotations/ReflectiveInitialization.java
* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-

jar/com/nu/art/reflection/hierarchy/TypeHierarchy.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/injector/AnnotatbleInjector.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/tools/ART_Tools.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/injector/InjectionManager.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/utils/GenericMap.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/extractor/AnnotatbleExtractor.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/classLoader/AbsClassLoader.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/exceptions/ConstructorNotFoundException.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/exceptions/ClassLoaderCyclicException.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/exceptions/ClassInstantiationException.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/exceptions/MethodNotFoundException.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/injector/Injector.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/classLoader/ClassesLoader.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/utils/ClassInstantiationUtility.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/exceptions/MethodInvocationException.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/hierarchy/HierarchyModelNode.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/extractor/Extractor.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/hierarchy/HierarchyModel.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/utils/MethodInvocationUtility.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/tools/ReflectiveTools.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/classLoader/JarClassLoader.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/classLoader/DirectoryClassLoader.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/classLoader/ClassLoaderManager.java

* /opt/ws_local/PERMITS_SQL/1010092594_1591901168.09/0/reflection-0-9-9-sources-jar/com/nu/art/reflection/tools/BidirectionalAction.java

1.24 apache-commons-lang 2.6
1.24.1 Available under license :

Apache Commons Lang (for Apache Directory Studio)
Copyright 2003-2012 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their

Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf

of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.25 apache-commons-collections 3.2.2
1.25.1 Available under license :

Apache Commons Collections
Copyright 2001-2015 The Apache Software Foundation

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

 2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

 3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
      Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
      stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or

agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

1.26 findbugs-jsr305 2.0.1

1.26.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright (c) 2005 Brian Goetz

* Released under the Creative Commons Attribution License

*   (http://creativecommons.org/licenses/by/2.5)

* Official home: http://www.jcip.net

*/

Found in path(s):

* /opt/cola/permits/1010092519_1611468626.19/0/jsr305-2-0-1-jar/javax/annotation/concurrent/GuardedBy.java

* /opt/cola/permits/1010092519_1611468626.19/0/jsr305-2-0-1-jar/javax/annotation/concurrent/NotThreadSafe.java

* /opt/cola/permits/1010092519_1611468626.19/0/jsr305-2-0-1-jar/javax/annotation/concurrent/Immutable.java

1.27 aop-alliance 1.0

1.27.1 Available under license :

all the source code provided by AOP Alliance is Public Domain.

1.28 apache-commons-cli 1.3.1

1.28.1 Available under license :

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent

to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License,
each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works

that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.

You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
 distributed under the License is distributed on an "AS IS" BASIS,
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 See the License for the specific language governing permissions and
 limitations under the License.
Apache Commons CLI
Copyright 2001-2015 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

1.29 hdrhistogram 2.1.9

1.29.1 Available under license :

Public Domain

1.30 asm-commons 5.0.2

1.30.1 Available under license :

No license file was found, but licenses were detected in source scan.

/***
* ASM: a very small and fast Java bytecode manipulation framework
* Copyright (c) 2000-2011 INRIA, France Telecom
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. Neither the name of the copyright holders nor the names of its
*   contributors may be used to endorse or promote products derived from
*   this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
 "AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
* THE POSSIBILITY OF SUCH DAMAGE.
*/
/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
 * version.
 *
 * @param owner
 *
   the owner's class name.
 * @param access
 *   the method's access flags (see {@link Opcodes}).
 * @param name
 *   the method's name.
 * @param desc
 *   the method's descriptor (see {@link Type Type}).
 * @param mv
 *   the method visitor to which this adapter delegates calls. May
 *   be <tt>null</tt>.
 * @throws IllegalStateException
 *   If a subclass calls this constructor.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/commons/AnalyzerAdapter.java
No license file was found, but licenses were detected in source scan.

/***
* ASM: a very small and fast Java bytecode manipulation framework
* Copyright (c) 2000-2011 INRIA, France Telecom
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the

/**
    * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
    * not use this constructor</i>. Instead, they must use the
    * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
    * version.
    *

    * @param typeRef
    *   a reference to the annotated type. See {@link TypeReference}.
    * @param typePath
    *   the path to the annotated type argument, wildcard bound, array
    *   element type, or static inner type within 'typeRef'. May be
    *   <tt>null</tt> if the annotation targets 'typeRef' as a whole.
    * @param start
    *   the fist instructions corresponding to the continuous ranges
    *   that make the scope of this local variable (inclusive).
    * @param end
    *   the last instructions corresponding to the continuous ranges
    *   that make the scope of this local variable (exclusive). This
    *   array must have the same size as the 'start' array.
    * @param index
    *   the local variable's index in each range. This array must have
    *   the same size as the 'start' array.
    * @param desc
    *   the class descriptor of
the annotation class.
    */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-

jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
No license file was found, but licenses were detected in source scan.

2011, Eugene Kuleshov
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. Neither the name of the copyright holders nor the names of its
*   contributors may be used to endorse or promote products derived from
*   this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED
 WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
* THE POSSIBILITY OF SUCH DAMAGE.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/xml/package.html
No license file was found, but licenses were detected in source scan.

/**
* ASM: a very small and fast Java bytecode manipulation framework
* Copyright (c) 2000-2011 INRIA, France Telecom
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the

```
*    documentation and/or other materials provided with the distribution.
* 3. Neither the name of the copyright holders nor the names of its
*    contributors may be used to endorse or promote products derived from
*    this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
 "AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
* THE POSSIBILITY OF SUCH DAMAGE.
*/
```

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/util/ASMifiable.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/util/Textifiable.java
No license file was found, but licenses were detected in source scan.

2011, Eugene Kuleshov
 All rights reserved.

 Redistribution and use in source and binary forms, with or without
 modification, are permitted provided that the following conditions
 are met:
 1. Redistributions of source code must retain the above copyright
    notice, this list of conditions and the following disclaimer.
 2. Redistributions in binary form must reproduce the above copyright
    notice, this list of conditions and the following disclaimer in the
    documentation and/or other materials provided with the distribution.
 3. Neither the name of the copyright holders nor the names of its
    contributors may be used to endorse or promote products derived from
    this software without specific prior written permission.

 THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
 AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
 IMPLIED WARRANTIES
 OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
 LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
 CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/xml/asm-xml.dtd
No license file was found, but licenses were detected in source scan.

/***
* ASM: a very small and fast Java bytecode manipulation framework
* Copyright (c) 2000-2011 INRIA, France Telecom
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. Neither the name of the copyright holders nor the names of its
*   contributors may be used to endorse or promote products derived from
*   this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
* THE POSSIBILITY OF SUCH DAMAGE.
*/
/**
 * Constructs a new {@link Textifier}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #Textifier(int)}
 * version.
 *
 * @throws IllegalStateException
 *   If a subclass calls this constructor.

```
    */
```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/util/Textifier.java

No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/signature/package.html
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/tree/analysis/package.html
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/attrs/package.html
*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/commons/package.html
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/util/package.html
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/package.html

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/package.html

No license file was found, but licenses were detected in source scan.

/***
* ASM XML Adapter
* Copyright (c) 2004-2011, Eugene Kuleshov
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. Neither the name of the copyright holders nor the names of its
*   contributors may be used to endorse or promote products derived from
*   this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES,
 INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
* THE POSSIBILITY OF SUCH DAMAGE.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/xml/ASMContentHandler.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/xml/SAXFieldAdapter.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/xml/SAXAdapter.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-

jar/org/objectweb/asm/xml/Processor.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/xml/SAXClassAdapter.java
No license file was found, but licenses were detected in source scan.

/***
* ASM: a very small and fast Java bytecode manipulation framework
* Copyright (c) 2000-2011 INRIA, France Telecom
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. Neither the name of the copyright holders nor the names of its
*   contributors may be used to endorse or promote products derived from
*   this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
 "AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
* THE POSSIBILITY OF SUCH DAMAGE.
*/
/**
   * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the {@link #ClassNode(int)}
   * version.
   *
   * @throws IllegalStateException
   *   If a subclass calls this constructor.
   */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/tree/ClassNode.java

No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/shrink-writer.properties
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/shrink-annotations.properties
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/shrink-frames.properties
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/shrink.properties
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/shrink-resize.properties
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/shrink-signatures.properties

No license file was found, but licenses were detected in source scan.

/**
   * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
   * version.
   *
   * @param mv
   *   the
 method visitor to which this adapter delegates calls.
   * @param access
   *   the method's access flags (see {@link Opcodes}).
   * @param name
   *   the method's name.
   * @param desc
   *   the method's descriptor (see {@link Type Type}).
   * @throws IllegalStateException
   *   If a subclass calls this constructor.
   */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-
jar/org/objectweb/asm/commons/GeneratorAdapter.java
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/InstructionAdapter.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/Constant.java
*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/Label.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/FieldNode.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/SimpleRemapper.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/Handler.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/TraceClassVisitor.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/signature/SignatureReader.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/Frame.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/AnnotationNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/AnnotationWriter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/Subroutine.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/FieldWriter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/TraceMethodVisitor.java

*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/AbstractInsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/FieldInsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/TypeAnnotationNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/Method.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java

*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/Handle.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/MethodNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/FrameNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/ClassWriter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/MethodInsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/Opcodes.java

*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/MethodVisitor.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-

jar/org/objectweb/asm/commons/LocalVariablesSorter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/signature/SignatureWriter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/Type.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/SourceValue.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/Frame.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/JumpInsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/ClassReader.java

*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/ClassVisitor.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/ConstantPool.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/Value.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/ClassOptimizer.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/TryCatchBlockSorter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/AdviceAdapter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java

*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/Remapper.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/IincInsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/Shrinker.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/Context.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/TraceSignatureVisitor.java

*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/SmallSet.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/InnerClassNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/AnnotationVisitor.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/ParameterNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/LocalVariableNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/LdcInsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/signature/SignatureVisitor.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/NameMapping.java

*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/CheckFieldAdapter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/TableSwitchGenerator.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/VarInsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/ASMifier.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/InsnList.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/CheckClassAdapter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/Interpreter.java

*
 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/CheckSignatureAdapter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/StaticInitMerger.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/Printer.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/RemappingClassAdapter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/MethodWriter.java

*

/opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/InsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/TraceFieldVisitor.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/Analyzer.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/MethodOptimizer.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/Edge.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/CheckAnnotationAdapter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/BasicValue.java

*

 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/optimizer/JarOptimizer.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/FieldVisitor.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/IntInsnNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/ByteVector.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/util/CheckMethodAdapter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/LineNumberNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/TryCatchBlockNode.java

*

 /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/LabelNode.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/Attribute.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/Item.java

* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java

No license file was found, but licenses were detected in source scan.

/***
* ASM: a very small and fast Java bytecode manipulation framework

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/TypeReference.java
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-jar/org/objectweb/asm/TypePath.java
No license file was found, but licenses were detected in source scan.

/**
   * Creates a new JSRInliner. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
   * version.
   *
   * @param mv
   *
   the <code>MethodVisitor</code> to send the resulting inlined
   *   method code to (use <code>null</code> for none).
   * @param access
   *   the method's access flags (see {@link Opcodes}). This
   *   parameter also indicates if the method is synthetic and/or
   *   deprecated.
   * @param name
   *   the method's name.
   * @param desc
   *   the method's descriptor (see {@link Type}).
   * @param signature
   *   the method's signature. May be <tt>null</tt>.
   * @param exceptions
   *   the internal names of the method's exception classes (see
   *   {@link Type#getInternalName() getInternalName}). May be
   *   <tt>null</tt>.
   * @throws IllegalStateException
   *   If a subclass calls this constructor.
   */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1012082042_1591326003.8/0/asm-commons-5-0-2-sources-

jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

1.31 findbugs-findbugs-eclipse-plugin 6.0

1.31.1 Available under license :

```
/*
 *                    Apache License
 *                Version 2.0, January 2004
 *             http://www.apache.org/licenses/
 *
 *   TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION
 *
 *   1. Definitions.
 *
 *      "License" shall mean the terms and conditions for use, reproduction,
 *      and distribution as defined by Sections 1 through 9 of this document.
 *
 *      "Licensor" shall mean the copyright owner or entity authorized by
 *      the copyright owner that is granting the License.
 *
 *      "Legal Entity" shall mean the union of the acting entity and all
 *      other entities that control, are controlled by, or are under common
 *      control with that entity. For the purposes of this definition,
 *      "control" means (i) the power, direct or indirect, to cause the
 *      direction or management of such entity, whether by contract or
 *      otherwise, or (ii) ownership of fifty percent (50%) or more of the
 *
 outstanding shares, or (iii) beneficial ownership of such entity.
 *
 *      "You" (or "Your") shall mean an individual or Legal Entity
 *      exercising permissions granted by this License.
 *
 *      "Source" form shall mean the preferred form for making modifications,
 *      including but not limited to software source code, documentation
 *      source, and configuration files.
 *
 *      "Object" form shall mean any form resulting from mechanical
 *      transformation or translation of a Source form, including but
 *      not limited to compiled object code, generated documentation,
 *      and conversions to other media types.
 *
 *      "Work" shall mean the work of authorship, whether in Source or
 *      Object form, made available under the License, as indicated by a
 *      copyright notice that is included in or attached to the work
 *      (an example is provided in the Appendix below).
 *
 *      "Derivative Works" shall mean any work, whether in Source or Object
```

```
 *
    form, that is based on (or derived from) the Work and for which the
 *      editorial revisions, annotations, elaborations, or other modifications
 *      represent, as a whole, an original work of authorship. For the purposes
 *      of this License, Derivative Works shall not include works that remain
 *      separable from, or merely link (or bind by name) to the interfaces of,
 *      the Work and Derivative Works thereof.
 *
 *      "Contribution" shall mean any work of authorship, including
 *      the original version of the Work and any modifications or additions
 *      to that Work or Derivative Works thereof, that is intentionally
 *      submitted to Licensor for inclusion in the Work by the copyright owner
 *      or by an individual or Legal Entity authorized to submit on behalf of
 *      the copyright owner. For the purposes of this definition, "submitted"
 *      means any form of electronic, verbal, or written communication sent
 *      to the Licensor or its representatives,
 including but not limited to
 *      communication on electronic mailing lists, source code control systems,
 *      and issue tracking systems that are managed by, or on behalf of, the
 *      Licensor for the purpose of discussing and improving the Work, but
 *      excluding communication that is conspicuously marked or otherwise
 *      designated in writing by the copyright owner as "Not a Contribution."
 *
 *      "Contributor" shall mean Licensor and any individual or Legal Entity
 *      on behalf of whom a Contribution has been received by Licensor and
 *      subsequently incorporated within the Work.
 *
 *   2. Grant of Copyright License. Subject to the terms and conditions of
 *      this License, each Contributor hereby grants to You a perpetual,
 *      worldwide, non-exclusive, no-charge, royalty-free, irrevocable
 *      copyright license to reproduce, prepare Derivative Works of,
 *      publicly display, publicly perform, sublicense, and distribute the
 *
       Work and such Derivative Works in Source or Object form.
 *
 *   3. Grant of Patent License. Subject to the terms and conditions of
 *      this License, each Contributor hereby grants to You a perpetual,
 *      worldwide, non-exclusive, no-charge, royalty-free, irrevocable
 *      (except as stated in this section) patent license to make, have made,
 *      use, offer to sell, sell, import, and otherwise transfer the Work,
 *      where such license applies only to those patent claims licensable
 *      by such Contributor that are necessarily infringed by their
 *      Contribution(s) alone or by combination of their Contribution(s)
 *      with the Work to which such Contribution(s) was submitted. If You
 *      institute patent litigation against any entity (including a
 *      cross-claim or counterclaim in a lawsuit) alleging that the Work
 *      or a Contribution incorporated within the Work constitutes direct
 *      or contributory patent infringement, then any patent licenses
```

```
 *     granted to You under this License for that Work shall terminate
 *     as of the date such litigation is filed.
 *
 *  4. Redistribution. You may reproduce and distribute copies of the
 *     Work or Derivative Works thereof in any medium, with or without
 *     modifications, and in Source or Object form, provided that You
 *     meet the following conditions:
 *
 *     (a) You must give any other recipients of the Work or
 *         Derivative Works a copy of this License; and
 *
 *     (b) You must cause any modified files to carry prominent notices
 *         stating that You changed the files; and
 *
 *     (c) You must retain, in the Source form of any Derivative Works
 *         that You distribute, all copyright, patent, trademark, and
 *         attribution notices from the Source form of the Work,
 *         excluding those notices that do not pertain to any part of
 *         the Derivative Works; and
 *
 *     (d) If the Work includes a "NOTICE"
```
text file as part of its
```
 *         distribution, then any Derivative Works that You distribute must
 *         include a readable copy of the attribution notices contained
 *         within such NOTICE file, excluding those notices that do not
 *         pertain to any part of the Derivative Works, in at least one
 *         of the following places: within a NOTICE text file distributed
 *         as part of the Derivative Works; within the Source form or
 *         documentation, if provided along with the Derivative Works; or,
 *         within a display generated by the Derivative Works, if and
 *         wherever such third-party notices normally appear. The contents
 *         of the NOTICE file are for informational purposes only and
 *         do not modify the License. You may add Your own attribution
 *         notices within Derivative Works that You distribute, alongside
 *         or as an addendum to the NOTICE text from the Work, provided
 *         that
```
such additional attribution notices cannot be construed
```
 *         as modifying the License.
 *
 *     You may add Your own copyright statement to Your modifications and
 *     may provide additional or different license terms and conditions
 *     for use, reproduction, or distribution of Your modifications, or
 *     for any such Derivative Works as a whole, provided Your use,
 *     reproduction, and distribution of the Work otherwise complies with
 *     the conditions stated in this License.
 *
 *  5. Submission of Contributions. Unless You explicitly state otherwise,
 *     any Contribution intentionally submitted for inclusion in the Work
```

```
 *      by You to the Licensor shall be under the terms and conditions of
 *      this License, without any additional terms or conditions.
 *      Notwithstanding the above, nothing herein shall supersede or modify
 *      the terms of any separate license agreement you may have executed
 *      with Licensor regarding such Contributions.
 *
 *   6. Trademarks. This License does not grant permission to use the trade
 *      names, trademarks, service marks, or product names of the Licensor,
 *      except as required for reasonable and customary use in describing the
 *      origin of the Work and reproducing the content of the NOTICE file.
 *
 *   7. Disclaimer of Warranty. Unless required by applicable law or
 *      agreed to in writing, Licensor provides the Work (and each
 *      Contributor provides its Contributions) on an "AS IS" BASIS,
 *      WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 *      implied, including, without limitation, any warranties or conditions
 *      of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
 *      PARTICULAR PURPOSE. You are solely responsible for determining the
 *      appropriateness of using or redistributing the Work and assume any
 *      risks associated with Your exercise of permissions under this License.
 *
 *   8. Limitation of Liability.
 In no event and under no legal theory,
 *      whether in tort (including negligence), contract, or otherwise,
 *      unless required by applicable law (such as deliberate and grossly
 *      negligent acts) or agreed to in writing, shall any Contributor be
 *      liable to You for damages, including any direct, indirect, special,
 *      incidental, or consequential damages of any character arising as a
 *      result of this License or out of the use or inability to use the
 *      Work (including but not limited to damages for loss of goodwill,
 *      work stoppage, computer failure or malfunction, or any and all
 *      other commercial damages or losses), even if such Contributor
 *      has been advised of the possibility of such damages.
 *
 *   9. Accepting Warranty or Additional Liability. While redistributing
 *      the Work or Derivative Works thereof, You may choose to offer,
 *      and charge a fee for, acceptance of support, warranty, indemnity,
 *      or other
 liability obligations and/or rights consistent with this
 *      License. However, in accepting such obligations, You may act only
 *      on Your own behalf and on Your sole responsibility, not on behalf
 *      of any other Contributor, and only if You agree to indemnify,
 *      defend, and hold each Contributor harmless for any liability
 *      incurred by, or claims asserted against, such Contributor by reason
 *      of your accepting any such warranty or additional liability.
 *
 *   END OF TERMS AND CONDITIONS
 *
```

1.32 findbugs 3.0.1

1.32.1 Available under license :

</p><p>
</p><pre>Copyright (C) 1991, 1999 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]
</pre>

<h2>Preamble</h2>

<p>
 The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.
</p><p>
 This license, the
 Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.
</p><p>
 When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.
</p><p>
 To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights or to ask you to surrender these
rights. These restrictions
 translate to certain responsibilities for
you if you distribute copies of the library or if you modify it.
</p><p>
 For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them

with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.
</p><p>
 We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
permission to copy, distribute and/or modify the library.
</p><p>
 To protect each distributor, we want to make it very clear that
there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients
 should know
that what they have is not the original version, so that the original
author's reputation will not be affected by problems that might be
introduced by others.
</p><p>
 Finally, software patents pose a constant threat to the existence of
any free program. We wish to make sure that a company cannot
effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.
</p><p>
 Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser
General Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.
</p><p>
 When a program is linked
 with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking only if the
entire combination fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.
</p><p>
 We call this license the "Lesser" General Public License because it
does Less to protect the user's freedom than the ordinary General
Public License. It also provides other free software developers Less
of an advantage over competing non-free programs. These disadvantages
are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain
special circumstances.
</p><p>
 For example, on rare occasions, there may be a special need to
encourage the widest possible use of a certain library, so that it becomes

a de-facto

 standard. To achieve this, non-free programs must be

allowed to use the library. A more frequent case is that a free

library does the same job as widely used non-free libraries. In this

case, there is little to gain by limiting the free library to free

software only, so we use the Lesser General Public License.

</p><p>

 In other cases, permission to use a particular library in non-free

programs enables a greater number of people to use a large body of

free software. For example, permission to use the GNU C Library in

non-free programs enables many more people to use the whole GNU

operating system, as well as its variant, the GNU/Linux operating

system.

</p><p>

 Although the Lesser General Public License is Less protective of the

users' freedom, it does ensure that the user of a program that is

linked with the Library has the freedom and the wherewithal to run

that program using a modified version of the Library.

</p><p>

 The precise terms and conditions for copying, distribution

 and

modification follow. Pay close attention to the difference between a

"work based on the library" and a "work that uses the library". The

former contains code derived from the library, whereas the latter must

be combined with the library in order to run.

</p><p>

</p><h2>TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION
AND MODIFICATION</h2>

<p>
0.
This License Agreement applies to any software library or other

program which contains a notice placed by the copyright holder or

other authorized party saying it may be distributed under the terms of

this Lesser General Public License (also called "this License").

Each licensee is addressed as "you".

</p><p>

 A "library" means a collection of software functions and/or data

prepared so as to be conveniently linked with application programs

(which use some of those functions and data) to form executables.

</p><p>

 The "Library", below, refers to any such software library or work

which has

 been distributed under these terms. A "work based on the

Library" means either the Library or any derivative work under

copyright law: that is to say, a work containing the Library or a

portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)
</p><p>

 "Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.
</p><p>

 Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on
 the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.
</p><p>

1.
You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.
</p><p>

 You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
</p><p>

2.
You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided
 that you also meet all of these conditions:
</p><p>

</p>

 a)
    The modified work must itself be a software library.
 b)
    You must cause the files modified to carry prominent notices
    stating that you changed the files and the date of any change.

 c)
    You must cause the whole of the work to be licensed at no

charge to all third parties under the terms of this License.

d)
    If a facility in the modified Library refers to a function or a
    table of data to be supplied by an application program that uses
    the facility, other than as an argument passed when the facility
    is invoked, then you must make a good faith effort to ensure that,
    in the event an application does not supply such function or
    table, the facility still operates, and performs whatever part of
    its purpose remains meaningful.
    <p>

(For example, a function in a library to compute square roots has
    a purpose that is entirely well-defined independent of the
    application. Therefore, Subsection 2d requires that any
    application-supplied function or table used by this function must
    be optional: if the application does not supply it, the square
    root function must still compute square roots.)
    </p><p>
    These requirements apply to the modified work as a whole. If
    identifiable sections of that work are not derived from the Library,
    and can be reasonably considered independent and separate works in
    themselves, then this License, and its terms, do not apply to those
    sections when you distribute them as separate works. But when you
    distribute the same sections as part of a whole which is a work based
    on the Library, the distribution of the whole must be on the terms of
    this License, whose permissions for other licensees extend to
the
    entire whole, and thus to each and every part regardless of who wrote
    it.
    </p><p>
    Thus, it is not the intent of this section to claim rights or contest
    your rights to work written entirely by you; rather, the intent is to
    exercise the right to control the distribution of derivative or
    collective works based on the Library.
    </p><p>
    In addition, mere aggregation of another work not based on the Library
    with the Library (or with a work based on the Library) on a volume of
    a storage or distribution medium does not bring the other work under
    the scope of this License.
</p>
<p>
3.
You may opt to apply the terms of the ordinary GNU General Public
License instead of this License to a given copy of the Library. To do
this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License.

(If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.
</p><p>
 Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.
</p><p>
 This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.
</p><p>
4.
You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.
</p><p>
 If distribution of object code is made by offering access
 to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.
</p><p>
5.
A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.
</p><p>
 However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.
</p><p>
 When a "work that uses the Library" uses material
 from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.
</p><p>

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)
</p><p>
 Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library
 itself.
</p><p>
6.
As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.
</p><p>
 You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:
</p><p>
</p>

  a) Accompany the work with the complete corresponding
  machine-readable source code for the Library including whatever
   changes were used in the work (which must be distributed under
  Sections 1 and 2 above); and, if the work is an executable linked
  with the Library, with the complete machine-readable "work that
  uses the Library", as object code and/or source code, so that the
  user can modify the Library and then relink to produce a modified
  executable containing the modified Library. (It is understood
  that the user who changes the contents of definitions files in the
  Library will not necessarily be able to recompile the application
  to use the modified definitions.)

  b) Use a suitable shared library mechanism for linking with the
  Library. A suitable mechanism is one that (1) uses at run time a
  copy of the library already present on the user's computer system,
  rather than copying library functions into the executable, and (2)
  will operate properly with a modified version of the library, if
  the user installs one,

as long as the modified version is
  interface-compatible with the version that the work was made with.

  c) Accompany the work with a written offer, valid for at
  least three years, to give the same user the materials
  specified in Subsection 6a, above, for a charge no more
  than the cost of performing this distribution.

  d) If distribution of the work is made by offering access to copy
  from a designated place, offer equivalent access to copy the above
  specified materials from the same place.

  e) Verify that the user has already received a copy of these
  materials or that you have already sent this user a copy.

<p>
 For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything
 that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.
</p><p>
 It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.
</p><p>
7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:
</p><p>
</p>
  a) Accompany the combined
 library with a copy of the same work
  based on the Library, uncombined with any other library
  facilities. This must be distributed under the terms of the
  Sections above.

  b) Give prominent notice with the combined library of the fact
  that part of it is a work based on the Library, and explaining

where to find the accompanying uncombined form of the same work.

<p>
8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.
</p><p>
9.
You are not required to accept this License, since you have not
signed
 it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.
</p><p>
10.
Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties with
this License.
</p><p>
11.
If, as a consequence of a court judgment or allegation of patent
infringement
 or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Library.
</p><p>
If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply,

and the section as a whole is intended to apply in other circumstances.
</p><p>
It is not the purpose of this section
 to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system which is
implemented by public license practices. Many people have made
generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that
system; it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot
impose that choice.
</p><p>
This section is intended to make thoroughly clear what is believed to
be a consequence of the rest of this License.
</p><p>
12.
If the distribution and/or use of the Library is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Library under this License may add
an explicit geographical distribution limitation excluding
 those countries,
so that distribution is permitted only in or among countries not thus
excluded. In such case, this License incorporates the limitation as if
written in the body of this License.
</p><p>
13.
The Free Software Foundation may publish revised and/or new
versions of the Lesser General Public License from time to time.
Such new versions will be similar in spirit to the present version,
but may differ in detail to address new problems or concerns.
</p><p>
Each version is given a distinguishing version number. If the Library
specifies a version number of this License which applies to it and
"any later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Library does not specify a
license version number, you may choose any version ever published by
the Free Software Foundation.
</p><p>
14.
If you wish to incorporate parts of the
 Library into other free
programs whose distribution conditions are incompatible with these,
write to the author to ask for permission. For software which is
copyrighted by the Free Software Foundation, write to the Free
Software Foundation; we sometimes make exceptions for this. Our

decision will be guided by the two goals of preserving the free status
of all derivatives of our free software and of promoting the sharing
and reuse of software generally.
</p><p>
NO WARRANTY
</p><p>
15.
BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY
 IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
</p><p>
16.
IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.
</p><p>
</p><h2>END OF TERMS AND CONDITIONS</h2>

<h2>How to Apply These Terms to Your New Libraries</h2>
<p>
 If you develop a new library, and you want it to be of the greatest
possible use to the public,
 we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).
</p><p>
 To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.
</p><p>

</p><pre><var>one line to give the library's name and an idea of what it does.</var>

1.33 findbugs-jsr305 3.0.2

1.33.1 Available under license :

License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

   1. "Collective Work" means a work, such as a periodical issue, anthology or encyclopedia, in which the Work in its entirety in unmodified form, along with a number of other contributions, constituting separate and independent works in themselves, are assembled into a collective whole. A work that constitutes a Collective Work will not be considered a Derivative Work (as defined below) for the purposes of this
 License.
   2. "Derivative Work" means a work based upon the Work or upon the Work and other pre-existing works, such as a translation, musical arrangement, dramatization, fictionalization, motion picture version, sound recording, art reproduction, abridgment, condensation, or any other form in which the Work may be recast, transformed, or adapted, except that a work that constitutes a Collective Work will not be considered a Derivative Work for the purpose of this License. For the avoidance of doubt, where the Work is a musical composition or sound recording, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered a Derivative Work for the purpose of this License.
   3. "Licensor" means the individual or entity that offers the Work under the terms of this License.
   4. "Original Author" means the individual or entity who created the Work.
   5. "Work" means the copyrightable work of authorship offered under the terms
 of this License.
   6. "You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

2. Fair Use Rights. Nothing in this license is intended to reduce, limit, or restrict any rights arising from fair use, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

   1. to reproduce the Work, to incorporate the Work into one or more Collective Works, and to reproduce the Work as incorporated in the Collective
 Works;
   2. to create and reproduce Derivative Works;
   3. to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission the Work including as incorporated in Collective Works;

4. to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission Derivative Works.

5.

For the avoidance of doubt, where the work is a musical composition:

1. Performance Royalties Under Blanket Licenses. Licensor waives the exclusive right to collect, whether individually or via a performance rights society (e.g. ASCAP, BMI, SESAC), royalties for the public performance or public digital performance (e.g. webcast) of the Work.

2. Mechanical Rights and Statutory Royalties. Licensor waives the exclusive right to collect, whether individually or via a music rights agency or designated

agent (e.g. Harry Fox Agency), royalties for any phonorecord You create from the Work ("cover version") and distribute, subject to the compulsory license created by 17 USC Section 115 of the US Copyright Act (or the equivalent in other jurisdictions).

6. Webcasting Rights and Statutory Royalties. For the avoidance of doubt, where the Work is a sound recording, Licensor waives the exclusive right to collect, whether individually or via a performance-rights society (e.g. SoundExchange), royalties for the public digital performance (e.g. webcast) of the Work, subject to the compulsory license created by 17 USC Section 114 of the US Copyright Act (or the equivalent in other jurisdictions).

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. All rights not expressly granted by Licensor
are hereby reserved.

4. Restrictions.The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

1. You may distribute, publicly display, publicly perform, or publicly digitally perform the Work only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy or phonorecord of the Work You distribute, publicly display, publicly perform, or publicly digitally perform. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute, publicly display, publicly perform, or publicly digitally perform the Work with any technological measures that control access or use of the Work in a manner
inconsistent with the terms of this License Agreement. The above applies to the Work as incorporated in a Collective Work, but this does not require the Collective Work apart from the Work itself to be made subject to the terms of this License. If You create a Collective Work, upon notice from any Licensor You must, to the extent practicable, remove from the Collective Work any credit as required by clause 4(b), as requested. If You create a Derivative Work, upon notice from any Licensor You must, to the extent practicable, remove from the Derivative Work any credit as required by clause 4(b), as requested.

2. If you distribute, publicly display, publicly perform, or publicly digitally perform the Work or any Derivative Works or Collective Works, You must keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or (ii) if the Original Author
and/or Licensor designate another party or parties (e.g. a sponsor institute, publishing entity, journal) for attribution in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; the title of the Work if supplied; to the extent reasonably practicable, the Uniform Resource Identifier, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or

licensing information for the Work; and in the case of a Derivative Work, a credit identifying the use of the Work in the Derivative Work (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). Such credit may be implemented in any reasonable manner; provided, however, that in the case of a Derivative Work or Collective Work, at a minimum such credit will appear where any other comparable authorship credit appears and in a manner at least as prominent as such other comparable authorship credit.

5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTIBILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination

  1. This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Derivative Works or Collective Works from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.
  2. Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

8. Miscellaneous

  1. Each time You distribute or publicly digitally perform the Work or a Collective Work, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.

  2. Each time You distribute or publicly digitally perform a Derivative Work, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.
  3. If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

4. No term or provision of this

License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.

5. This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

1.34 okio 1.17.2

1.34.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2014 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/RealBufferedSink.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/SegmentPool.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/Okio.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/Source.java
*
 /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/InflaterSource.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/DeflaterSink.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/ForwardingSink.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/Sink.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/RealBufferedSource.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/BufferedSource.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-

jar/okio/ForwardingSource.java

* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/GzipSource.java

* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/Buffer.java

*

 /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/Timeout.java

* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/GzipSink.java

* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/Util.java

* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/BufferedSink.java

* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/Segment.java

* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/AsyncTimeout.java

No license file was found, but licenses were detected in source scan.

```
/*
 * Copyright (C) 2019 Square, Inc.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/PushableTimeout.java

No license file was found, but licenses were detected in source scan.

```
/*
 * Copyright (C) 2018 Square, Inc.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/PeekSource.java

No license file was found, but licenses were detected in source scan.

```
/*
 * Copyright (C) 2016 Square, Inc.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *    http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/HashingSource.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/Pipe.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/HashingSink.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/Options.java

No license file was found, but licenses were detected in source scan.

```
/*
 * Copyright (C) 2017 Square, Inc.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *    http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/Utf8.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2014 Square Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/ByteString.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2015 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/SegmentedByteString.java
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/ForwardingTimeout.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1014221201_1591897829.68/0/okio-1-17-2-sources-jar/okio/Base64.java

1.35 apache-commons-beanutils 1.9.4

1.35.1 Available under license :

Apache Commons BeanUtils
Copyright 2000-2019 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

                         Apache License
                   Version 2.0, January 2004
                  http://www.apache.org/licenses/

    TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

    1. Definitions.

       "License" shall mean the terms and conditions for use, reproduction,
       and distribution as defined by Sections 1 through 9 of this document.

       "Licensor" shall mean the copyright owner or entity authorized by
       the copyright owner that is granting the License.

       "Legal Entity" shall mean the union of the acting entity and all
       other entities that control, are controlled by, or are under common
       control with that entity. For the purposes of this definition,
       "control" means (i) the power, direct or indirect, to cause the
       direction or management of such entity, whether by contract or
       otherwise, or (ii) ownership of fifty percent (50%) or more of the
       outstanding shares, or (iii) beneficial ownership
     of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,

publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
  this
License, each Contributor hereby grants to You a perpetual,
  worldwide, non-exclusive, no-charge, royalty-free, irrevocable
  (except as stated in this section) patent license to make, have made,
  use, offer to sell, sell, import, and otherwise transfer the Work,
  where such license applies only to those patent claims licensable
  by such Contributor that are necessarily infringed by their
  Contribution(s) alone or by combination of their Contribution(s)
  with the Work to which such Contribution(s) was submitted. If You
  institute patent litigation against any entity (including a
  cross-claim or counterclaim in a lawsuit) alleging that the Work
  or a Contribution incorporated within the Work constitutes direct
  or contributory patent infringement, then any patent licenses
  granted to You under this License for that Work shall terminate
  as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
  Work or Derivative Works thereof in any medium, with or without
  modifications, and in Source or Object form, provided that You
  meet the following conditions:

  (a) You must give any other recipients of the Work or
      Derivative Works a copy of this License; and

  (b) You must cause any modified files to carry prominent notices
      stating that You changed the files; and

  (c) You must retain, in the Source form of any Derivative Works
      that You distribute, all copyright, patent, trademark, and
      attribution notices from the Source form of the Work,
      excluding those notices that do not pertain to any part of
      the Derivative Works; and

  (d) If the Work includes a "NOTICE" text file as part of its
      distribution, then any Derivative Works that You distribute must
      include a readable copy of the attribution notices contained
      within such NOTICE file, excluding
those notices that do not
      pertain to any part of the Derivative Works, in at least one
      of the following places: within a NOTICE text file distributed
      as part of the Derivative Works; within the Source form or
      documentation, if provided along with the Derivative Works; or,
      within a display generated by the Derivative Works, if and

wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the

Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.36 aopalliance-version-repackaged-as-a-module 2.6.1

1.36.1 Available under license :

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution "originates" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include changes or additions to the Program that are not Modified Works.

"Contributor" means any person or entity that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide,

royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each

 Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based

 on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a)

 the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights

 in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ('notices') contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

4.

COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply
 to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other
 Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

5. NO WARRANTY
EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY
EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT
 NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations
 of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new
 versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement
 are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

Exhibit A – Form of Secondary Licenses Notice
"This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

1.37 apache-commons-configuration 1.8

1.37.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form
 shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely
 link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright

owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean
 Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their
 Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute,
 all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum
 to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.
You may add Your own copyright statement to Your modifications and may provide additional or different license

terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use
 the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly
 negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor
 harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

 Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.38 google-gson 2.8.6

1.38.1 Available under license :

Google Gson

                    Apache License
                 Version 2.0, January 2004
                http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

   "License" shall mean the terms and conditions for use, reproduction,
   and distribution as defined by Sections 1 through 9 of this document.

   "Licensor" shall mean the copyright owner or entity authorized by

the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding
shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or
derived from) the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to

communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the

Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute
must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

    You may
add Your own copyright statement to Your modifications and
    may provide additional or different license terms and conditions
    for use, reproduction, or distribution of Your modifications, or
    for any such Derivative Works as a whole, provided Your use,
    reproduction, and distribution of the Work otherwise complies with
    the conditions stated in this License.

 5. Submission of Contributions. Unless You explicitly state otherwise,
    any Contribution intentionally submitted for inclusion in the Work
    by You to the Licensor shall be under the terms and conditions of
    this License, without any additional terms or conditions.
    Notwithstanding the above, nothing herein shall supersede or modify
    the terms of any separate license agreement you may have executed
    with Licensor regarding such Contributions.

 6. Trademarks. This License does not grant permission to use the trade
    names, trademarks, service marks, or
product names of the Licensor,
    except as required for reasonable and customary use in describing the
    origin of the Work and reproducing the content of the NOTICE file.

 7. Disclaimer of Warranty. Unless required by applicable law or
    agreed to in writing, Licensor provides the Work (and each
    Contributor provides its Contributions) on an "AS IS" BASIS,
    WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
    implied, including, without limitation, any warranties or conditions
    of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
    PARTICULAR PURPOSE. You are solely responsible for determining the
    appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by
applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf
and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright 2008-2011 Google Inc.

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the

editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of

this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.39 hk2-implementation-utilities 2.6.1

1.39.1 Available under license :

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content
   Distributed under this Agreement, and

b) in the case of each subsequent Contributor:
   i) changes to the Program, and
   ii) additions to the Program;
where such changes and/or additions to the Program originate from
and are Distributed by that particular Contributor. A Contribution
"originates" from a Contributor if it was added to the Program by
such Contributor itself or anyone acting on such Contributor's behalf.

Contributions do not include changes or additions to the Program that
are not Modified Works.

"Contributor"
means any person or entity that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which
are necessarily infringed by the use or sale of its Contribution alone
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity
any new file
in Source Code form that contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free copyright
license to reproduce, prepare Derivative Works of, publicly display,

publicly perform, Distribute and sublicense the Contribution of such
Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free patent
license under Licensed Patents to make, use, sell, offer to sell,
import and otherwise transfer the Contribution of such Contributor,
if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at
the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution.
No hardware per se is
licensed hereunder.

c) Recipient understands that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its
knowledge it has
sufficient copyright rights in its Contribution, if any, to grant
the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program

is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor
may Distribute the Program under a license
different than this Agreement, provided that such license:
i) effectively disclaims on behalf of all other Contributors all
warranties and conditions, express and implied, including
warranties or conditions of title and non-infringement, and
implied warranties or conditions of merchantability and fitness
for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all
liability for damages, including direct, indirect, special,
incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights
in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any
party to be under a license that satisfies the requirements
of this section 3.

3.2 When the Program is Distributed
as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material in a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end

users, business partners and the like. While this

license is intended to facilitate the commercial use of the Program,
the Contributor who includes the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or

alleged

intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court

requires any other Contributor to

pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT
AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was

received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions)
under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A
is not sufficient to license
the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely to
look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to

make sure the software is
free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you
if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program
is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated
into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted, and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy
of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

    a) You must cause the modified files to carry prominent notices
    stating that you changed the files and the date of any change.

    b) You must cause any work that you distribute or publish, that in
    whole or in part contains or is derived from the Program or any part
    thereof, to be licensed as a whole at no charge to all third parties
    under the terms of this License.

    c) If the modified program normally reads commands interactively
    when run, you must
cause it, when started running for such
    interactive use in the most ordinary way, to print or display an
    announcement including an appropriate copyright notice and a notice
    that there is no warranty (or else, saying that you provide a

warranty) and that users may redistribute the program under these
conditions, and telling the user how to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same
sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do
one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections 1
and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your cost
of physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to
distribute corresponding source code. (This alternative is allowed
only for noncommercial distribution and only if you received the
program in object code or executable form with such an offer, in
accord with

Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled
to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions
for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or

otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent
obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
 contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
 versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the

Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes
make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER
PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively
convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation,
Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program,
if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications

with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of
this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If you do not wish to do so, delete this exception statement
from your version.
Notices for Eclipse GlassFish

This content is produced and maintained by the Eclipse GlassFish project.

* Project home: https://projects.eclipse.org/projects/ee4j.glassfish

Trademarks

Eclipse GlassFish, and GlassFish are trademarks of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is

available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/glassfish-ha-api
* https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor
* https://github.com/eclipse-ee4j/glassfish-shoal
* https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck
* https://github.com/eclipse-ee4j/glassfish-jsftemplating
* https://github.com/eclipse-ee4j/glassfish-hk2-extra
* https://github.com/eclipse-ee4j/glassfish-hk2
* https://github.com/eclipse-ee4j/glassfish-fighterfish

Third-party Content

This project leverages the following third party content.

None

Cryptography

Content may contain encryption software. The country in which you are currently
may have restrictions on the import, possession, and use, and/or re-export to
another country, of encryption software. BEFORE using any encryption software,
please check the country's laws, regulations and
 policies concerning the import,
possession, or use, and re-export of encryption software, to see if this is
permitted.

1.40 hk2-api-module 2.6.1

1.40.1 Available under license :

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content
   Distributed under this Agreement, and

b) in the case of each subsequent Contributor:
   i) changes to the Program, and
   ii) additions to the Program;
where such changes and/or additions to the Program originate from
and are Distributed by that particular Contributor. A Contribution
"originates" from a Contributor if it was added to the Program by
such Contributor itself or anyone acting on such Contributor's behalf.
Contributions do not include changes or additions to the Program that
are not Modified Works.

"Contributor"
means any person or entity that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which
are necessarily infringed by the use or sale of its Contribution alone
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity
any new file
in Source Code form that contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby
 grants Recipient a non-exclusive, worldwide, royalty-free copyright
license to reproduce, prepare Derivative Works of, publicly display,
publicly perform, Distribute and sublicense the Contribution of such
Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free patent
license under Licensed Patents to make, use, sell, offer to sell,
import and otherwise transfer the Contribution of such Contributor,
if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at
the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution.
No hardware per se is
licensed hereunder.

c) Recipient understands that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its
knowledge it has
sufficient copyright rights in its Contribution, if any, to grant
the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's

receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor
may Distribute the Program under a license
different than this Agreement, provided that such license:
    i) effectively disclaims on behalf of all other Contributors all
    warranties and conditions, express and implied, including
    warranties or conditions of title and non-infringement, and
    implied warranties or conditions of merchantability and fitness
    for a particular purpose;

    ii) effectively excludes on behalf of all other Contributors all
    liability for damages, including direct, indirect, special,
    incidental and consequential damages, such as lost profits;

    iii) does not attempt to limit or alter the recipients' rights
    in the Source Code under section 3.2; and

    iv) requires any subsequent distribution of the Program by any
    party to be under a license that satisfies the requirements
    of this section 3.

3.2 When the Program is Distributed
as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material in a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,

trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end
users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or
alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court
requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR

IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT
AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and

may only be modified in the following manner. The Agreement Steward
reserves the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions)
under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A
is not sufficient to license
the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely to
look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is
free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you
if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program
is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will

individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated
into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted, and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy
of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

  a) You must cause the modified files to carry prominent notices
  stating that you changed the files and the date of any change.

  b) You must cause any work that you distribute or publish, that in
  whole or in part contains or is derived from the Program or any part

thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must
cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same
sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do
one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections 1
and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your cost
of physically performing source distribution, a complete

machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with
Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled
to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions
for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the

Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent
obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
 contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new

versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes
make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER
PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively
convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation,
Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program,
if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

As a special exception, the copyright holders of
 this library give you
  permission to link this library with independent modules to produce an
  executable, regardless of the license terms of these independent
  modules, and to copy and distribute the resulting executable under
  terms of your choice, provided that you also meet, for each linked
  independent module, the terms and conditions of the license of that
  module. An independent module is a module which is not derived from or
  based on this library. If you modify this library, you may extend this
  exception to your version of the library, but you are not obligated to
  do so. If you do not wish to do so, delete this exception statement
  from your version.
Notices for Eclipse GlassFish

This content is produced and maintained by the Eclipse GlassFish project.

* Project home: https://projects.eclipse.org/projects/ee4j.glassfish

Trademarks

Eclipse GlassFish, and GlassFish are trademarks of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed

source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/glassfish-ha-api
* https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor
* https://github.com/eclipse-ee4j/glassfish-shoal
* https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck
* https://github.com/eclipse-ee4j/glassfish-jsftemplating
* https://github.com/eclipse-ee4j/glassfish-hk2-extra
* https://github.com/eclipse-ee4j/glassfish-hk2
* https://github.com/eclipse-ee4j/glassfish-fighterfish

Third-party Content

This project leverages the following third party content.

None

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and
 policies concerning the import,
possession, or use, and re-export of encryption software, to see if this is permitted.

1.41 servicelocator-default-implementation 2.6.1

1.41.1 Available under license :

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

  a) in the case of the initial Contributor, the initial content
     Distributed under this Agreement, and

  b) in the case of each subsequent Contributor:
     i) changes to the Program, and
     ii) additions to the Program;
  where such changes and/or additions to the Program originate from
  and are Distributed by that particular Contributor. A Contribution
  "originates" from a Contributor if it was added to the Program by
  such Contributor itself or anyone acting on such Contributor's behalf.
  Contributions do not include changes or additions to the Program that
  are not Modified Works.

  "Contributor"
means any person or entity that Distributes the Program.

  "Licensed Patents" mean patent claims licensable by a Contributor which
  are necessarily infringed by the use or sale of its Contribution alone
  or when combined with the Program.

  "Program" means the Contributions Distributed in accordance with this
  Agreement.

  "Recipient" means anyone who receives the Program under this Agreement
  or any Secondary License (as applicable), including Contributors.

  "Derivative Works" shall mean any work, whether in Source Code or other
  form, that is based on (or derived from) the Program and for which the
  editorial revisions, annotations, elaborations, or other modifications
  represent, as a whole, an original work of authorship.

  "Modified Works" shall mean any work in Source Code or other form that
  results from an addition to, deletion from, or modification of the
  contents of the Program, including, for purposes of clarity
any new file
  in Source Code form that contains any contents of the Program. Modified
  Works shall not include works that contain only declarations,

interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

   a) Subject to the terms of this Agreement, each Contributor hereby
   grants Recipient a non-exclusive, worldwide, royalty-free copyright
   license to reproduce, prepare Derivative Works of, publicly display,
   publicly perform, Distribute and sublicense the Contribution of such
   Contributor, if any, and such Derivative Works.

   b) Subject to the terms of this Agreement, each Contributor hereby
   grants Recipient a non-exclusive, worldwide, royalty-free patent
   license under Licensed Patents to make, use, sell, offer to sell,
   import and otherwise transfer the Contribution of such Contributor,
   if any, in Source Code or other form. This patent license shall
   apply to the combination of the Contribution and the Program if, at
   the time the Contribution is added by the Contributor, such addition
   of the Contribution causes such combination to be covered by the
   Licensed Patents. The patent license shall not apply to any other
   combinations which include the Contribution.
No hardware per se is
   licensed hereunder.

   c) Recipient understands that although each Contributor grants the
   licenses to its Contributions set forth herein, no assurances are
   provided by any Contributor that the Program does not infringe the
   patent or other intellectual property rights of any other entity.
   Each Contributor disclaims any liability to Recipient for claims
   brought by any other entity based on infringement of intellectual
   property rights or otherwise. As a condition to exercising the
   rights and licenses granted hereunder, each Recipient hereby
   assumes sole responsibility to secure any other intellectual
   property rights needed, if any. For example, if a third party
   patent license is required to allow Recipient to Distribute the

Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its
knowledge it has
sufficient copyright rights in its Contribution, if any, to grant
the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor
may Distribute the Program under a license
different than this Agreement, provided that such license:
   i) effectively disclaims on behalf of all other Contributors all
   warranties and conditions, express and implied, including
   warranties or conditions of title and non-infringement, and
   implied warranties or conditions of merchantability and fitness
   for a particular purpose;

   ii) effectively excludes on behalf of all other Contributors all
   liability for damages, including direct, indirect, special,
   incidental and consequential damages, such as lost profits;

   iii) does not attempt to limit or alter the recipients' rights
   in the Source Code under section 3.2; and

   iv) requires any subsequent distribution of the Program by any
   party to be under a license that satisfies the requirements
   of this section 3.

3.2 When the Program is Distributed
as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material in a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end
users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or
alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to

defend claims against the other Contributors related to those performance
claims and warranties, and if a court
requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT
AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions)
under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A
is not sufficient to license
the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely to
look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is
free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you
if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program
is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated
into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted, and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy
of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must
cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same
sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,

under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do
one of the following:

    a) Accompany it with the complete corresponding machine-readable
    source code, which must be distributed under the terms of Sections 1
    and 2 above on a medium customarily used for software interchange; or,

    b) Accompany it with a written offer, valid for at least three
    years, to give any third party, for a charge no more than your cost
    of physically performing source distribution, a complete
    machine-readable copy of the corresponding source code, to be
    distributed under the terms of Sections 1 and 2 above on a medium
    customarily used for software interchange; or,

    c) Accompany it with the information you received as to the offer to
    distribute corresponding source code. (This alternative is allowed
    only for noncommercial distribution and only if you received the
    program in object code or executable form with such an offer, in
    accord with
Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled
to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all
its terms and conditions
for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent
obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
 contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
 versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes
make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER
PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL

DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively
convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

    One line to give the program's name and a brief idea of what it does.
    Copyright (C) <year> <name of author>

    This program is free software; you can redistribute it and/or modify
    it under the terms of the GNU General Public License as published by
    the Free Software Foundation; either version 2 of the License, or
    (at your option) any later version.

    This program is distributed in the hope that it will be useful, but
    WITHOUT ANY WARRANTY; without even the implied warranty of
    MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
    General Public License for more details.

    You should have received a copy of the GNU General Public License
    along with this program; if not, write to the Free Software
    Foundation,
Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

    Gnomovision version 69, Copyright (C) year name of author
    Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
    `show w'. This is free software, and you are welcome to redistribute
    it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program,
if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of
this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If you do not wish to do so, delete this exception statement
from your version.
Notices for Eclipse GlassFish

This content is produced and maintained by the Eclipse GlassFish project.

* Project home: https://projects.eclipse.org/projects/ee4j.glassfish

Trademarks

Eclipse GlassFish, and GlassFish are trademarks of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/glassfish-ha-api
* https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor
* https://github.com/eclipse-ee4j/glassfish-shoal
* https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck
* https://github.com/eclipse-ee4j/glassfish-jsftemplating
* https://github.com/eclipse-ee4j/glassfish-hk2-extra
* https://github.com/eclipse-ee4j/glassfish-hk2
* https://github.com/eclipse-ee4j/glassfish-fighterfish

Third-party Content

This project leverages the following third party content.

None

Cryptography

Content may contain encryption software. The country in which you are currently
may have restrictions on the import, possession, and use, and/or re-export to

another country, of encryption software. BEFORE using any encryption software,

please check the country's laws, regulations and

 policies concerning the import,

possession, or use, and re-export of encryption software, to see if this is

permitted.

1.42 apache-commons-exec 1.1

1.42.1 Available under license :

```
/*
*                                 Apache License
*                           Version 2.0, January 2004
*                        http://www.apache.org/licenses/
*
*   TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION
*
*   1. Definitions.
*
*      "License" shall mean the terms and conditions for use, reproduction,
*      and distribution as defined by Sections 1 through 9 of this document.
*
*      "Licensor" shall mean the copyright owner or entity authorized by
*      the copyright owner that is granting the License.
*
*      "Legal Entity" shall mean the union of the acting entity and all
*      other entities that control, are controlled by, or are under common
*      control with that entity. For the purposes of this definition,
*      "control" means (i) the power, direct or indirect, to cause the
*      direction or management of such entity, whether by contract or
*      otherwise, or (ii) ownership of fifty percent (50%) or more of the
*
 outstanding shares, or (iii) beneficial ownership of such entity.
*
*      "You" (or "Your") shall mean an individual or Legal Entity
*      exercising permissions granted by this License.
*
*      "Source" form shall mean the preferred form for making modifications,
*      including but not limited to software source code, documentation
*      source, and configuration files.
*
*      "Object" form shall mean any form resulting from mechanical
*      transformation or translation of a Source form, including but
*      not limited to compiled object code, generated documentation,
*      and conversions to other media types.
*
*      "Work" shall mean the work of authorship, whether in Source or
*      Object form, made available under the License, as indicated by a
```

```
 *     copyright notice that is included in or attached to the work
 *     (an example is provided in the Appendix below).
 *
 *     "Derivative Works" shall mean any work, whether in Source or Object
 *
    form, that is based on (or derived from) the Work and for which the
 *     editorial revisions, annotations, elaborations, or other modifications
 *     represent, as a whole, an original work of authorship. For the purposes
 *     of this License, Derivative Works shall not include works that remain
 *     separable from, or merely link (or bind by name) to the interfaces of,
 *     the Work and Derivative Works thereof.
 *
 *     "Contribution" shall mean any work of authorship, including
 *     the original version of the Work and any modifications or additions
 *     to that Work or Derivative Works thereof, that is intentionally
 *     submitted to Licensor for inclusion in the Work by the copyright owner
 *     or by an individual or Legal Entity authorized to submit on behalf of
 *     the copyright owner. For the purposes of this definition, "submitted"
 *     means any form of electronic, verbal, or written communication sent
 *     to the Licensor or its representatives,
 including but not limited to
 *     communication on electronic mailing lists, source code control systems,
 *     and issue tracking systems that are managed by, or on behalf of, the
 *     Licensor for the purpose of discussing and improving the Work, but
 *     excluding communication that is conspicuously marked or otherwise
 *     designated in writing by the copyright owner as "Not a Contribution."
 *
 *     "Contributor" shall mean Licensor and any individual or Legal Entity
 *     on behalf of whom a Contribution has been received by Licensor and
 *     subsequently incorporated within the Work.
 *
 *  2. Grant of Copyright License. Subject to the terms and conditions of
 *     this License, each Contributor hereby grants to You a perpetual,
 *     worldwide, non-exclusive, no-charge, royalty-free, irrevocable
 *     copyright license to reproduce, prepare Derivative Works of,
 *     publicly display, publicly perform, sublicense, and distribute the
 *
    Work and such Derivative Works in Source or Object form.
 *
 *  3. Grant of Patent License. Subject to the terms and conditions of
 *     this License, each Contributor hereby grants to You a perpetual,
 *     worldwide, non-exclusive, no-charge, royalty-free, irrevocable
 *     (except as stated in this section) patent license to make, have made,
 *     use, offer to sell, sell, import, and otherwise transfer the Work,
 *     where such license applies only to those patent claims licensable
 *     by such Contributor that are necessarily infringed by their
 *     Contribution(s) alone or by combination of their Contribution(s)
 *     with the Work to which such Contribution(s) was submitted. If You
```

```
*      institute patent litigation against any entity (including a
*      cross-claim or counterclaim in a lawsuit) alleging that the Work
*      or a Contribution incorporated within the Work constitutes direct
*      or contributory patent infringement, then any patent licenses
*       granted to You under this License for that Work shall terminate
*      as of the date such litigation is filed.
*
*   4. Redistribution. You may reproduce and distribute copies of the
*      Work or Derivative Works thereof in any medium, with or without
*      modifications, and in Source or Object form, provided that You
*      meet the following conditions:
*
*      (a) You must give any other recipients of the Work or
*          Derivative Works a copy of this License; and
*
*      (b) You must cause any modified files to carry prominent notices
*          stating that You changed the files; and
*
*      (c) You must retain, in the Source form of any Derivative Works
*          that You distribute, all copyright, patent, trademark, and
*          attribution notices from the Source form of the Work,
*          excluding those notices that do not pertain to any part of
*          the Derivative Works; and
*
*      (d) If the Work includes a "NOTICE"
text file as part of its
*          distribution, then any Derivative Works that You distribute must
*          include a readable copy of the attribution notices contained
*          within such NOTICE file, excluding those notices that do not
*          pertain to any part of the Derivative Works, in at least one
*          of the following places: within a NOTICE text file distributed
*          as part of the Derivative Works; within the Source form or
*          documentation, if provided along with the Derivative Works; or,
*          within a display generated by the Derivative Works, if and
*          wherever such third-party notices normally appear. The contents
*          of the NOTICE file are for informational purposes only and
*          do not modify the License. You may add Your own attribution
*          notices within Derivative Works that You distribute, alongside
*          or as an addendum to the NOTICE text from the Work, provided
*          that
such additional attribution notices cannot be construed
*          as modifying the License.
*
*      You may add Your own copyright statement to Your modifications and
*      may provide additional or different license terms and conditions
*      for use, reproduction, or distribution of Your modifications, or
*      for any such Derivative Works as a whole, provided Your use,
*      reproduction, and distribution of the Work otherwise complies with
```

```
 *      the conditions stated in this License.
 *
 *   5. Submission of Contributions. Unless You explicitly state otherwise,
 *      any Contribution intentionally submitted for inclusion in the Work
 *      by You to the Licensor shall be under the terms and conditions of
 *      this License, without any additional terms or conditions.
 *      Notwithstanding the above, nothing herein shall supersede or modify
 *      the terms of any separate license agreement you may have executed
 *      with Licensor regarding such Contributions.
 *
 *   6. Trademarks. This License does not grant permission to use the trade
 *      names, trademarks, service marks, or product names of the Licensor,
 *      except as required for reasonable and customary use in describing the
 *      origin of the Work and reproducing the content of the NOTICE file.
 *
 *   7. Disclaimer of Warranty. Unless required by applicable law or
 *      agreed to in writing, Licensor provides the Work (and each
 *      Contributor provides its Contributions) on an "AS IS" BASIS,
 *      WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 *      implied, including, without limitation, any warranties or conditions
 *      of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
 *      PARTICULAR PURPOSE. You are solely responsible for determining the
 *      appropriateness of using or redistributing the Work and assume any
 *      risks associated with Your exercise of permissions under this License.
 *
 *   8. Limitation of Liability.
  In no event and under no legal theory,
 *      whether in tort (including negligence), contract, or otherwise,
 *      unless required by applicable law (such as deliberate and grossly
 *      negligent acts) or agreed to in writing, shall any Contributor be
 *      liable to You for damages, including any direct, indirect, special,
 *      incidental, or consequential damages of any character arising as a
 *      result of this License or out of the use or inability to use the
 *      Work (including but not limited to damages for loss of goodwill,
 *      work stoppage, computer failure or malfunction, or any and all
 *      other commercial damages or losses), even if such Contributor
 *      has been advised of the possibility of such damages.
 *
 *   9. Accepting Warranty or Additional Liability. While redistributing
 *      the Work or Derivative Works thereof, You may choose to offer,
 *      and charge a fee for, acceptance of support, warranty, indemnity,
 *      or other
  liability obligations and/or rights consistent with this
 *      License. However, in accepting such obligations, You may act only
 *      on Your own behalf and on Your sole responsibility, not on behalf
 *      of any other Contributor, and only if You agree to indemnify,
 *      defend, and hold each Contributor harmless for any liability
 *      incurred by, or claims asserted against, such Contributor by reason
```

```
 *     of your accepting any such warranty or additional liability.
 *
 *   END OF TERMS AND CONDITIONS
 *
 *   APPENDIX: How to apply the Apache License to your work.
 *
 *     To apply the Apache License to your work, attach the following
 *     boilerplate notice, with the fields enclosed by brackets "[]"
 *     replaced with your own identifying information. (Don't include
 *     the brackets!)  The text should be enclosed in the appropriate
 *     comment syntax for the file format. We also recommend that a
 *     file or class name and description of purpose
 be included on the
 *     same "printed page" as the copyright notice for easier
 *     identification within third-party archives.
 *
 *   Copyright [yyyy] [name of copyright owner]
 *
 *   Licensed under the Apache License, Version 2.0 (the "License");
 *   you may not use this file except in compliance with the License.
 *   You may obtain a copy of the License at
 *
 *       http://www.apache.org/licenses/LICENSE-2.0
 *
 *   Unless required by applicable law or agreed to in writing, software
 *   distributed under the License is distributed on an "AS IS" BASIS,
 *   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 *   See the License for the specific language governing permissions and
 *   limitations under the License.
 */
```

Apache Commons Exec

Copyright 2005-2010 The Apache Software Foundation

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).

1.43 java-architecture-for-xml-binding 2.3.0

1.43.1 Available under license :

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)Version 1.1

1. Definitions.

  1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.

  1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a
Contributor (if any), and the Modifications made by that particular Contributor.

1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. "Executable" means the Covered Software in any form other than Source Code.

1.5. "Initial Developer" means the individual or entity that first makes Original Software available under this License.

1.6. "Larger Work" means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. "License" means this
document.

1.8. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. "Original Software" means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable
by grantor.

1.12. "Source Code" means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims,

the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

   (a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

   (b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

   (c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.

   (d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the
 Original Software with other software or devices.

   2.2. Contributor Grant.

   Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

   (a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

   (b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof);
 and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

   (c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

   (d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

   3.1. Availability of Source Code.

   Any Covered Software that You distribute or otherwise make available in Executable form must also be made

available
in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices
contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You
offer.

3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.6. Larger Works.

You may create a Larger Work by combining Covered Software
with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

4. Versions of the License.

4.1. New Versions.

Oracle is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute
and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED
SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the
Initial Developer or Contributor against whom You assert such claim is referred to as "Participant") alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original

Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. If You assert a patent infringement claim against Participant alleging that the Participant Software directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

6.4. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS.

The Covered Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" (as that term is defined at 48 C.F.R. ? 252.227-7014(a)(1)) and "commercial computer software documentation" as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-

law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with
 the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

10. RESPONSIBILITY FOR CLAIMS.

   As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein
 is intended or shall be deemed to constitute any admission of liability.

NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)
The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended
 to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new

free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities
 for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish
 to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee
 is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify
your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

  a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

  b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

  c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these
 conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to
 exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

  a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

  b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source
 code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable
runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative
works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of
this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free
software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of

that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software
 Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision
 will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING
 ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name
and a brief idea of what it does.

Copyright (C)

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision
comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library,
 you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

"CLASSPATH" EXCEPTION TO THE GPL VERSION 2

Certain source files distributed by Oracle are subject to the following clarification and special exception to the GPL Version 2, but only where Oracle has expressly included in the particular source file's header the words "Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the License file that accompanied this code."

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License Version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless
 of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.
/*
* DO NOT ALTER OR REMOVE COPYRIGHT NOTICES OR THIS HEADER.
*
* Copyright (c) YYYY Oracle and/or its affiliates. All rights reserved.
*
* The contents of this file are subject to the terms of either the GNU
* General Public License Version 2 only ("GPL") or the Common Development
* and Distribution License("CDDL") (collectively, the "License"). You
* may not use this file except in compliance with the License. You can
* obtain a copy of the License at
* https://oss.oracle.com/licenses/CDDL+GPL-1.1
* or LICENSE.txt. See the License for the specific
* language governing permissions and limitations under the License.
*
* When distributing the software, include this License Header Notice in each
* file and include the License file at LICENSE.txt.
*
* GPL Classpath Exception:
* Oracle designates this particular file as subject to the "Classpath"
* exception as provided by Oracle in the GPL Version 2 section of the License
* file that accompanied this code.
*
* Modifications:
 * If applicable, add the following below the License Header, with the fields
* enclosed by brackets [] replaced by your own identifying information:

1.44 apache-httpcomponents-asyncclient 4.1.1

1.44.1 Available under license :

Apache HttpAsyncClient
Copyright 2010-2015 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

   "License" shall mean the terms and conditions for use, reproduction,
   and distribution as defined by Sections 1 through 9 of this document.

   "Licensor" shall mean the copyright owner or entity authorized by
   the copyright owner that is granting the License.

   "Legal Entity" shall mean the union of the acting entity and all
   other entities that control, are controlled by, or are under common
   control with that entity. For the purposes of this definition,
   "control" means (i) the power, direct or indirect, to cause the
   direction or management of such entity, whether by contract or
   otherwise, or (ii) ownership of fifty percent (50%) or more of the

outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of

this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

  3. Grant of Patent License. Subject to the terms and conditions of
     this
License, each Contributor hereby grants to You a perpetual,
     worldwide, non-exclusive, no-charge, royalty-free, irrevocable
     (except as stated in this section) patent license to make, have made,
     use, offer to sell, sell, import, and otherwise transfer the Work,
     where such license applies only to those patent claims licensable
     by such Contributor that are necessarily infringed by their
     Contribution(s) alone or by combination of their Contribution(s)
     with the Work to which such Contribution(s) was submitted. If You
     institute patent litigation against any entity (including a
     cross-claim or counterclaim in a lawsuit) alleging that the Work
     or a Contribution incorporated within the Work constitutes direct
     or contributory patent infringement, then any patent licenses
     granted to You under this License for that Work shall terminate
     as of the date such litigation is filed.

  4. Redistribution. You may reproduce and distribute
copies of the
     Work or Derivative Works thereof in any medium, with or without
     modifications, and in Source or Object form, provided that You
     meet the following conditions:

     (a) You must give any other recipients of the Work or
         Derivative Works a copy of this License; and

     (b) You must cause any modified files to carry prominent notices
         stating that You changed the files; and

     (c) You must retain, in the Source form of any Derivative Works
         that You distribute, all copyright, patent, trademark, and
         attribution notices from the Source form of the Work,
         excluding those notices that do not pertain to any part of
         the Derivative Works; and

     (d) If the Work includes a "NOTICE" text file as part of its
         distribution, then any Derivative Works that You distribute must
         include a readable copy of the attribution notices contained
         within such NOTICE file, excluding
those notices that do not
         pertain to any part of the Derivative Works, in at least one
         of the following places: within a NOTICE text file distributed

as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,

indirect, special,

   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

   9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.45 apache-commons-digester 1.8

1.45.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or
(iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from)

the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication
on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant
of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate

as
of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must

       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding those notices that do not
       pertain to any part of the Derivative Works, in at least one
       of the following places: within a NOTICE text file distributed
       as part of the Derivative Works; within the Source form or
       documentation, if provided along with the Derivative Works; or,
       within a display generated by the Derivative Works, if and
       wherever such third-party notices normally appear. The contents
       of the NOTICE file are for informational purposes only and
       do not modify the License. You may add Your own attribution
       notices within Derivative Works that You distribute, alongside
       or as an addendum to the NOTICE text from the Work, provided
       that such additional attribution notices cannot be construed
       as modifying the License.

   You may add Your own
copyright statement to Your modifications and
   may provide additional or different license terms and conditions
   for use, reproduction, or distribution of Your modifications, or
   for any such Derivative Works as a whole, provided Your use,
   reproduction, and distribution of the Work otherwise complies with
   the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work

by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names
of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law
(such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your
sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

   Copyright [yyyy] [name of copyright owner]

   Licensed under the Apache License, Version 2.0 (the "License");
   you may not use this file except in compliance with the License.
   You may obtain a copy of the License at

      http://www.apache.org/licenses/LICENSE-2.0

   Unless required by applicable law or agreed to in writing, software
   distributed under the License is distributed on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
   See the License for the specific language governing permissions and
   limitations under the License.
Apache Jakarta Commons Digester
Copyright 2001-2006 The Apache Software Foundation

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).

1.46 joda-convert 1.2
1.46.1 Available under license :

                        Apache License
                   Version 2.0, January 2004
                   http://www.apache.org/licenses/

   TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

   1. Definitions.

      "License" shall mean the terms and conditions for use, reproduction,
      and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or
(iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from)
the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication

on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant
of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as
of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and

attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own
copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names
of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or

implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law
(such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your
sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
==
= NOTICE file corresponding to section 4d of the Apache License Version 2.0 =
==
This product includes software developed by
Joda.org (http://www.joda.org/).

1.47 javax-ws-rs-api 2.0.1

1.47.1 Available under license :

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)
Version 1.0

   *

  1. Definitions.
     o

       1.1. ?Contributor? means each individual or entity that creates or contributes to the creation of Modifications.

     o

       1.2. ?Contributor Version? means the combination of the Original Software, prior Modifications used by a
Contributor (if any), and the Modifications made by that particular Contributor.
     o

       1.3. ?Covered Software? means (a) the Original Software, or (b) Modifications, or (c) the combination of files
containing Original Software with files containing Modifications, in each case including portions thereof.
     o

       1.4. ?Executable? means the Covered Software in any form other than Source Code.
     o

       1.5. ?Initial Developer? means the individual or entity that first makes Original Software available under this
License.
       o

1.6. ?Larger Work? means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

o

1.7. ?License? means this document.

o

1.8. ?Licensable? means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

o

1.9. ?Modifications? means the Source Code and Executable form of any of the following:

+

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

+

B. Any new file that contains any part of the Original Software or previous Modification; or

+

C. Any new file that is contributed
or otherwise made available under the terms of this License.

o

1.10. ?Original Software? means the Source Code and Executable form of computer software code that is originally released under this License.

o

1.11. ?Patent Claims? means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

o

1.12. ?Source Code? means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

o

1.13. ?You? (or ?Your?) means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, ?You? includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, ?control?
 means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

*

2. License Grants.

o

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:
+

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and
+

(b) under Patent Claims infringed by
the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).
+

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.
+

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.
o

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby
grants You a world-wide, royalty-free, non-exclusive license:
+

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and
+

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

+

(c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

+

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.
*

3. Distribution Obligations.
    o

3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available
 in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.
    o

3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.
    o

3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the
 Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.
    o

3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients? rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability
 incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

o

3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient?s rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the
Initial Developer or such Contributor as a result of any such terms You offer.
o

3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.
*

4. Versions of the License.
o

4.1. New Versions.

Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.
o

4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the
Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.
o

4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to

note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

*

5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN ?AS IS? BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

*

6. TERMINATION.

o

6.1. This
License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

o

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as ?Participant?) alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or
2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

o

6.3. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

*

7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF

SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST PROFITS, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY?S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.
   *

8. U.S. GOVERNMENT END USERS.

   The Covered Software is a ?commercial item,? as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of ?commercial computer software? (as that term is defined at 48 C.F.R. ? 252.227-7014(a)(1)) and ?commercial computer software documentation? as such terms are used in 48
 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.
   *

9. MISCELLANEOUS.

   This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction?s conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction
 of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys? fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.
   *

10. RESPONSIBILITY FOR CLAIMS.

   As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of
 rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

1.48 reactive-streams v1.0.3

1.48.1 Available under license :

Copyright Statement for Contributions to the Reactive Streams Project

==

I hereby represent that all present, past and future contributions I make to
the Reactive Streams project (which includes all repositories owned by the
reactive-streams github organization) are governed by the Creative Commons
Zero 1.0 Universal copyright statement, placing my contributions in the public
domain. This entails that to the extent possible under law I waive all
copyright and related or neighboring rights to the code or documents I
contribute. I also represent that I have the authority to perform the above
waiver with respect to the entirety of my contributions.

The text of the copyright statement is included in the COPYING file at the root
of the reactive-streams repository at
https://github.com/reactive-streams/reactive-streams-jvm/blob/master/COPYING.

Underwriting parties:

```
github name    | Real Name, Email Address used for git commits,
 Company
---------------+-------------------------------------------------------------
rkuhn          | Roland Kuhn, rk@rkuhn.info, Typesafe Inc.
benjchristensen| Ben Christensen, benjchristensen@gmail.com, Netflix Inc.
viktorklang    | Viktor Klang, viktor.klang@gmail.com, Typesafe Inc.
smaldini       | Stephane Maldini, stephane.maldini@gmail.com, Pivotal Software Inc.
savulchik      | Stanislav Savulchik, s.savulchik@gmail.com
ktoso          | Konrad Malawski, konrad.malawski@project13.pl, Typesafe Inc.
ouertani       | Slim Ouertani, ouertani@gmail.com
2m             | Martynas Mickevius, mmartynas@gmail.com, Typesafe Inc.
ldaley         | Luke Daley, luke.daley@gradleware.com, Gradleware Inc.
colinrgodsey   | Colin Godsey, crgodsey@gmail.com, MediaMath Inc.
davidmoten     | Dave Moten, davidmoten@gmail.com
briantopping    | Brian Topping, brian.topping@gmail.com, Mauswerks LLC
rstoyanchev    | Rossen Stoyanchev, rstoyanchev@pivotal.io, Pivotal
BjornHamels    |
 Bjrn Hamels, bjorn@hamels.nl
JakeWharton    | Jake Wharton, jakewharton@gmail.com
anthonyvdotbe  | Anthony Vanelverdinghe, anthonyv.be@outlook.com
seratch        | Kazuhiro Sera, seratch@gmail.com, SmartNews, Inc.
akarnokd       | David Karnok, akarnokd@gmail.com
egetman        | Evgeniy Getman, getman.eugene@gmail.com
patriknw       | Patrik Nordwall, patrik.nordwall@gmail.com, Lightbend Inc
angelsanz      | ngel Sanz, angelsanz@users.noreply.github.com
```

shenghaiyang | , shenghaiyang@aliyun.com
kiiadi | Kyle Thomson, kylthoms@amazon.com, Amazon.com
jroper | James Roper, james@jazzy.id.au, Lightbend Inc.
olegdokuka | Oleh Dokuka, shadowgun@.i.ua, Netifi Inc.
Scottmitch | Scott Mitchell, scott_mitchell@apple.com, Apple Inc.
retronym | Jason Zaugg, jzaugg@gmail.com, Lightbend Inc.
Licensed under Public Domain (CC0)

To the extent possible under law, the person who associated CC0 with
this code has waived all copyright and related or neighboring
rights to this code.

You should have received a copy of the CC0 legalcode along with this
work. If not, see <http://creativecommons.org/publicdomain/zero/1.0/>.
Creative Commons Legal Code

CC0 1.0 Universal

  CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE
  LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN
  ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS
  INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES
  REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS
  PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM
  THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED
  HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer
exclusive Copyright and Related Rights (defined below) upon the creator
and subsequent owner(s) (each and all, an "owner") of an original work of
authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for
the purpose of contributing to a commons of creative, cultural and
scientific works ("Commons")
 that the public can reliably and without fear
of later claims of infringement build upon, modify, incorporate in other
works, reuse and redistribute as freely as possible in any form whatsoever
and for any purposes, including without limitation commercial purposes.
These owners may contribute to the Commons to promote the ideal of a free
culture and the further production of creative, cultural and scientific
works, or to gain reputation or greater distribution for their Work in
part through the use and efforts of others.

For these and/or other purposes and motivations, and without any
expectation of additional consideration or compensation, the person

associating CC0 with a Work (the "Affirmer"), to the extent that he or she
is an owner of Copyright and Related Rights in the Work, voluntarily
elects to apply CC0 to the Work and publicly distribute the Work under its
terms, with knowledge of his or her Copyright and Related Rights in the
Work and the meaning and intended legal
 effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be
protected by copyright and related or neighboring rights ("Copyright and
Related Rights"). Copyright and Related Rights include, but are not
limited to, the following:

 i. the right to reproduce, adapt, distribute, perform, display,
    communicate, and translate a Work;
ii. moral rights retained by the original author(s) and/or performer(s);
iii. publicity and privacy rights pertaining to a person's image or
    likeness depicted in a Work;
iv. rights protecting against unfair competition in regards to a Work,
    subject to the limitations in paragraph 4(a), below;
 v. rights protecting the extraction, dissemination, use and reuse of data
    in a Work;
vi. database rights (such as those arising under Directive 96/9/EC of the
    European Parliament and of the Council of 11 March 1996 on the legal
    protection of databases, and under any national implementation

 thereof, including any amended or successor version of such
    directive); and
vii. other similar, equivalent or corresponding rights throughout the
    world based on applicable law or treaty, and any national
    implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention
of, applicable law, Affirmer hereby overtly, fully, permanently,
irrevocably and unconditionally waives, abandons, and surrenders all of
Affirmer's Copyright and Related Rights and associated claims and causes
of action, whether now known or unknown (including existing as well as
future claims and causes of action), in the Work (i) in all territories
worldwide, (ii) for the maximum duration provided by applicable law or
treaty (including future time extensions), (iii) in any current or future
medium and for any number of copies, and (iv) for any purpose whatsoever,
including without limitation commercial, advertising or promotional
purposes (the "Waiver"). Affirmer makes the
 Waiver for the benefit of each
member of the public at large and to the detriment of Affirmer's heirs and
successors, fully intending that such Waiver shall not be subject to
revocation, rescission, cancellation, termination, or any other legal or
equitable action to disrupt the quiet enjoyment of the Work by the public
as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable
 law or treaty (including future
time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected
 by this document.
b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.
c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.
d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with
 respect to
   this CC0 or use of the Work.

1.49 netty-project 3.10.6.Final

1.49.1 Available under license :

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

 The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

 This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too,
 but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

 When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.

 To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights or to ask you to surrender these
rights. These restrictions translate to certain responsibilities for
you if you distribute copies of the library or if you modify it.

 For example, if you distribute copies of the library, whether gratis
or for a fee, you must give

the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

 We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
permission to copy, distribute and/or modify the library.

 To protect each distributor, we want to make it very clear that
there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original
author's reputation will not be affected by problems that might be
introduced by others.

 Finally, software patents pose a constant threat to
 the existence of
any free program. We wish to make sure that a company cannot
effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.

 Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser
General Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.

 When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking only if the
entire combination
 fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.

 We call this license the "Lesser" General Public License because it
does Less to protect the user's freedom than the ordinary General
Public License. It also provides other free software developers Less
of an advantage over competing non-free programs. These disadvantages
are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain

special circumstances.

 For example, on rare occasions, there may be a special need to
encourage the widest possible use of a certain library, so that it becomes
a de-facto standard. To achieve this, non-free programs must be
allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this
case, there is little to gain by limiting the free library to free
software only,
 so we use the Lesser General Public License.

 In other cases, permission to use a particular library in non-free
programs enables a greater number of people to use a large body of
free software. For example, permission to use the GNU C Library in
non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating
system.

 Although the Lesser General Public License is Less protective of the
users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
that program using a modified version of the Library.

 The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
former contains code derived from the library, whereas the latter must
be combined with the library in order to run.

   GNU LESSER GENERAL PUBLIC
LICENSE
 TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

 0. This License Agreement applies to any software library or other
program which contains a notice placed by the copyright holder or
other authorized party saying it may be distributed under the terms of
this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".

 A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

 The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated

straightforwardly into another language. (Hereinafter, translation is included
 without limitation in the term "modification".)

 "Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation
and installation of the library.

 Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running a program using the Library is not restricted, and output from
such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

 1. You may copy and distribute verbatim copies of the Library's
complete source code as you receive it, in any medium, provided that
you conspicuously and appropriately
 publish on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact
all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the
Library.

 You may charge a fee for the physical act of transferring a copy,
and you may at your option offer warranty protection in exchange for a
fee.

 2. You may modify your copy or copies of the Library or any portion
of it, thus forming a work based on the Library, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

  a) The modified work must itself be a software library.

  b) You must cause the files modified to carry prominent notices
  stating that you changed the files and the date of any change.

  c) You must cause the whole of the work to be licensed at no
  charge to all third parties under the terms of this License.

  d) If a facility in the
 modified Library refers to a function or a
  table of data to be supplied by an application program that uses
  the facility, other than as an argument passed when the facility

is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Library,
and can be reasonably considered independent and separate works
 in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote
it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Library.

In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

 3. You may opt to apply the terms of the ordinary GNU General Public
License instead of this
 License to a given copy of the Library. To do
this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.

 Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

  4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must
 be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

  If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

  5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

  However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered
 by this License.
Section 6 states terms for distribution of such executables.

  When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

  If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

  Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section
 6.
Any executables containing that work also fall under Section 6,

whether or not they are linked directly with the Library itself.

 6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

 You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

  a) Accompany the work with the complete corresponding
  machine-readable
 source code for the Library including whatever
   changes were used in the work (which must be distributed under
   Sections 1 and 2 above); and, if the work is an executable linked
   with the Library, with the complete machine-readable "work that
   uses the Library", as object code and/or source code, so that the
   user can modify the Library and then relink to produce a modified
   executable containing the modified Library. (It is understood
   that the user who changes the contents of definitions files in the
   Library will not necessarily be able to recompile the application
   to use the modified definitions.)

  b) Use a suitable shared library mechanism for linking with the
   Library. A suitable mechanism is one that (1) uses at run time a
   copy of the library already present on the user's computer system,
   rather than copying library functions into the executable, and (2)
   will operate properly with a modified version of the library, if
    the user installs one, as long as the modified version is
   interface-compatible with the version that the work was made with.

  c) Accompany the work with a written offer, valid for at
   least three years, to give the same user the materials
   specified in Subsection 6a, above, for a charge no more
   than the cost of performing this distribution.

  d) If distribution of the work is made by offering access to copy
   from a designated place, offer equivalent access to copy the above
   specified materials from the same place.

  e) Verify that the user has already received a copy of these

materials or that you have already sent this user a copy.

 For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form)
 with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

 It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

 7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

  a) Accompany the combined library with a copy of the same work
  based on the Library, uncombined with any other library
  facilities. This must be distributed
 under the terms of the
  Sections above.

  b) Give prominent notice with the combined library of the fact
  that part of it is a work based on the Library, and explaining
  where to find the accompanying uncombined form of the same work.

 8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.

 9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying

or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties with
this License.

11. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you
 cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply,
and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system which is
implemented by public license practices.
  Many people have made
generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that
system; it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot
impose that choice.

This section is intended to make thoroughly clear what is believed to
be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in
certain countries either by patents or by copyrighted interfaces, the

original copyright holder who places the Library under this License may add
an explicit geographical distribution limitation excluding those countries,
so that distribution is permitted only in or among countries not thus
excluded. In such case, this License incorporates the limitation as if
written in the body of this License.

 13. The Free Software Foundation may publish revised and/or new
versions of the Lesser General
 Public License from time to time.
Such new versions will be similar in spirit to the present version,
but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library
specifies a version number of this License which applies to it and
"any later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Library does not specify a
license version number, you may choose any version ever published by
the Free Software Foundation.

 14. If you wish to incorporate parts of the Library into other free
programs whose distribution conditions are incompatible with these,
write to the author to ask for permission. For software which is
copyrighted by the Free Software Foundation, write to the Free
Software Foundation; we sometimes make exceptions for this. Our
decision will be guided by the two goals of preserving the
 free status
of all derivatives of our free software and of promoting the sharing
and reuse of software generally.

    NO WARRANTY

 15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

 16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL
 OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE

LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright"
 line and a pointer to where the full notice is found.

    <one line to give the library's name and a brief idea of what it does.>
    Copyright (C) <year> <name of author>

    This library is free software; you can redistribute it and/or
    modify it under the terms of the GNU Lesser General Public
    License as published by the Free Software Foundation; either
    version 2.1 of the License, or (at your option) any later version.

    This library is distributed in the hope that it will be useful,
    but WITHOUT ANY WARRANTY; without even the implied warranty of
    MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
    Lesser General Public License for more details.

    You should have received a copy of the GNU Lesser General Public
    License along with this library; if not, write to the Free Software
    Foundation, Inc., 51 Franklin Street, 5th Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You
 should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

 Yoyodyne, Inc., hereby disclaims all copyright interest in the
 library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

                    The Netty Project
                    =================

Please visit the Netty web site for more information:

 * http://netty.io/

Copyright 2011 The Netty Project

The Netty Project licenses this file to you under the Apache License,
version 2.0 (the "License"); you may not use this file except in compliance
with the License. You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
License for the specific language governing permissions and limitations
under the License.

Also, please refer to each LICENSE.<component>.txt file, which is located in
the 'license' directory of the distribution file, for the license terms of the
components that this product depends on.

This
 product contains the extensions to Java Collections Framework which has
been derived from the works by JSR-166 EG, Doug Lea, and Jason T. Greene:

 * LICENSE:
   * license/LICENSE.jsr166y.txt (Public Domain)
 * HOMEPAGE:
   * http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/
   * http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jbosscache/experimental/jsr166/

This product contains a modified version of Robert Harder's Public Domain
Base64 Encoder and Decoder, which can be obtained at:

 * LICENSE:
   * license/LICENSE.base64.txt (Public Domain)
 * HOMEPAGE:

* http://iharder.sourceforge.net/current/java/base64/

This product contains a modified version of 'JZlib', a re-implementation of
zlib in pure Java, which can be obtained at:

 * LICENSE:
  * license/LICENSE.jzlib.txt (BSD Style License)
 * HOMEPAGE:
  * http://www.jcraft.com/jzlib/

This product contains a modified version of 'Webbit', a Java event based
WebSocket and HTTP
 server:

 * LICENSE:
  * license/LICENSE.webbit.txt (BSD License)
 * HOMEPAGE:
  * https://github.com/joewalnes/webbit

This product optionally depends on 'Protocol Buffers', Google's data
interchange format, which can be obtained at:

 * LICENSE:
  * license/LICENSE.protobuf.txt (New BSD License)
 * HOMEPAGE:
  * http://code.google.com/p/protobuf/

This product optionally depends on 'Bouncy Castle Crypto APIs' to generate
a temporary self-signed X.509 certificate when the JVM does not provide the
equivalent functionality. It can be obtained at:

 * LICENSE:
  * license/LICENSE.bouncycastle.txt (MIT License)
 * HOMEPAGE:
  * http://www.bouncycastle.org/

This product optionally depends on 'SLF4J', a simple logging facade for Java,
which can be obtained at:

 * LICENSE:
  * license/LICENSE.slf4j.txt (MIT License)
 * HOMEPAGE:
  * http://www.slf4j.org/

This product optionally depends on 'Apache Commons Logging', a logging
framework, which can be obtained at:

* LICENSE:
   * license/LICENSE.commons-logging.txt (Apache License 2.0)
  * HOMEPAGE:
   * http://commons.apache.org/logging/

This product optionally depends on 'Apache Log4J', a logging framework,
which can be obtained at:

  * LICENSE:
   * license/LICENSE.log4j.txt (Apache License 2.0)
  * HOMEPAGE:
   * http://logging.apache.org/log4j/

This product optionally depends on 'JBoss Logging', a logging framework,
which can be obtained at:

  * LICENSE:
   * license/LICENSE.jboss-logging.txt (GNU LGPL 2.1)
  * HOMEPAGE:
   * http://anonsvn.jboss.org/repos/common/common-logging-spi/

This product optionally depends on 'Apache Felix', an open source OSGi
framework implementation, which can be obtained at:

  * LICENSE:
   * license/LICENSE.felix.txt (Apache License 2.0)
  * HOMEPAGE:
   * http://felix.apache.org/
The person or persons who have associated work with this document (the
"Dedicator" or "Certifier") hereby either (a) certifies that, to the best of
his knowledge, the work of authorship identified is in the public domain of
the country from which the work is published, or (b) hereby dedicates whatever
copyright the dedicators holds in the work of authorship identified below (the
"Work") to the public domain. A certifier, moreover, dedicates any copyright
interest he may have in the associated work, and for these purposes, is
described as a "dedicator" below.

A certifier has taken reasonable steps to verify the copyright status of this
work. Certifier recognizes that his good faith efforts may not shield him from
liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to
the detriment of the Dedicator's heirs and successors. Dedicator intends this
dedication to be an overt act of relinquishment in perpetuate
 of all present
and future rights under copyright law, whether vested or contingent, in the
Work. Dedicator understands that such relinquishment of all rights includes
the relinquishment of all rights to enforce (by lawsuit or otherwise) those

copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be
freely reproduced, distributed, transmitted, used, modified, built upon, or
otherwise exploited by anyone for any purpose, commercial or non-commercial,
and in any way, including by methods that have not yet been invented or
conceived.
The MIT License (MIT)

Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc.
                        (http://www.bouncycastle.org)

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY,
 WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.
/*
* Copyright 2012 The Netty Project
*
* The Netty Project licenses this file to you under the Apache License,
* version 2.0 (the "License"); you may not use this file except in compliance
* with the License. You may obtain a copy of the License at:
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*/

                        Apache License
                    Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including

the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or

Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding
those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the

origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier

identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Code generated by the Protocol Buffer compiler is owned by the owner
of the input file used when generating it. This code is not
standalone and requires a support library to be linked with it. This

support library is itself covered by the above license.

The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below.

A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity
 of all present
and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.
(BSD License: http://www.opensource.org/licenses/bsd-license)

Copyright (c) 2011, Joe Walnes, Aslak Hellesy and contributors
All rights reserved.

Redistribution and use in source and binary forms, with or
without modification, are permitted provided that the
following conditions are met:

* Redistributions of source code must retain the above
 copyright notice, this list of conditions and the
 following disclaimer.

* Redistributions in binary form must reproduce the above
 copyright notice, this list of conditions and the
 following disclaimer in the documentation and/or other
 materials provided with the distribution.

* Neither the name of the Webbit nor the names of
 its contributors may be used to endorse or promote products

derived from this software without specific prior written

permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.
/*
* Copyright (c) 2004-2007 QOS.ch
* All rights reserved.
*
* Permission is hereby granted, free of charge, to any person obtaining
* a copy of this software and associated documentation files (the
* "Software"), to deal in the Software without restriction, including
* without limitation the rights to use, copy, modify, merge, publish,
* distribute, sublicense, and/or sell copies of the Software, and to
* permit persons to whom the Software is furnished to do so, subject to
* the following conditions:
*
* The above copyright notice and this permission notice shall be
* included in all copies or substantial portions of the Software.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
* MERCHANTABILITY,   FITNESS   FOR   A   PARTICULAR   PURPOSE   AND
* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE
* LIABLE FOR ANY
 CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION
* OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION
* WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
*/
Copyright (c) 2000,2001,2002,2003,2004 ymnk, JCraft,Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

  1. Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in
   the documentation and/or other materials provided with the distribution.

3. The names of the authors may not be used to endorse or promote products
   derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JCRAFT,
INC. OR ANY CONTRIBUTORS TO THIS SOFTWARE
 BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA,
OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE,
EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

<div align="center">

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

</div>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

   "License" shall mean the terms and conditions for use, reproduction,
   and distribution as defined by Sections 1 through 9 of this document.

   "Licensor" shall mean the copyright owner or entity authorized by
   the copyright owner that is granting the License.

   "Legal Entity" shall mean the union of the acting entity and all
   other entities that control, are controlled by, or are under common
   control with that entity. For the purposes of this definition,
   "control" means (i) the power, direct or indirect, to cause the
   direction or management of such entity, whether by contract or
   otherwise, or (ii) ownership of fifty percent (50%) or more of the
   outstanding shares, or (iii) beneficial ownership
 of such entity.

   "You" (or "Your") shall mean an individual or Legal Entity
   exercising permissions granted by this License.

   "Source" form shall mean the preferred form for making modifications,
   including but not limited to software source code, documentation

source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this License,

each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided

that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

1.50 apache-commons-validator 1.4.0

1.50.1 Available under license :

Apache Commons Validator
Copyright 2001-2012 The Apache Software Foundation

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must
       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding
those notices that do not
       pertain to any part of the Derivative Works, in at least one
       of the following places: within a NOTICE text file distributed
       as part of the Derivative Works; within the Source form or
       documentation, if provided along with the Derivative Works; or,
       within a display generated by the Derivative Works, if and
       wherever such third-party notices normally appear. The contents
       of the NOTICE file are for informational purposes only and

do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all

other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*

```
*       http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

1.51 jacoco 0.8.1

1.51.1 Available under license :

License
=======

Copyright (c) 2009, 2018 Mountainminds GmbH & Co. KG and Contributors

The JaCoCo Java Code Coverage Library and all included documentation is made
available by Mountainminds GmbH & Co. KG, Munich. Except indicated below, the
Content is provided to you under the terms and conditions of the Eclipse Public
License Version 1.0 ("EPL"). A copy of the EPL is available at
http://www.eclipse.org/legal/epl-v10.html.

Please visit
http://www.jacoco.org/jacoco/trunk/doc/license.html
for the complete license information including third party licenses and trademarks.

1.52 t-digest 3.0

1.52.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1
through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are
under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or
indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of

fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form
 shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely
 link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean
 Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their
 Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute,
 all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum
 to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.
You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use
 the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly
 negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage,

computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor
 harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

 Copyright [yyyy] [name of copyright owner]

 Licensed under the Apache License, Version 2.0 (the "License");
 you may not use this file except in compliance with the License.
 You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
 distributed under the License is distributed on an "AS IS" BASIS,
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 See the License for the specific language governing permissions and
 limitations under the License.

1.53 c3p0jdbcdatasources 0.9.5.4

1.53.1 Available under license :

Found license 'Eclipse Public License 1.0' in '* This library is free software; you can redistribute it and/or modify *
 1) The GNU Lesser General Public License (LGPL), version 2.1, as *   published by the Free Software
Foundation *   2) The Eclipse Public License (EPL), version 1.0 * This software is distributed in the hope that it
will be useful, * but WITHOUT ANY WARRANTY; without even the implied warranty of *
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. * LGPL v2.1:
http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html'

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC
LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM
CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular
Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself
or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are
separate modules of software distributed in conjunction with the Program under their own license agreement, and
(ii) are not derivative works of the Program.

"Contributor"
 means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale
of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer
 to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder,
 each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively
 excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

4. COMMERCIAL
 DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any
 claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor
 to pay any damages as a result, the Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement , including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY
CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY,
 OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR
TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR
DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER,
EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or
enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such
provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit)
alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes
such Recipient's patent(s), then such
 Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or
conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of
such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and
distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this
Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the
Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the
right to publish new versions (including revisions) of this Agreement from time to time. No one other than the
Agreement
 Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The
Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity.
Each new version of the Agreement will be given a distinguishing version number. The Program (including
Contributions) may always be distributed subject to the version of the Agreement under which it was received. In
addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program
(including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above,
Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether
expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this
Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual
 property laws of the United States of America. No party to this Agreement will bring a legal action under this
Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any
resulting litigation.

Found license 'GNU Lesser General Public License' in '* This library is free software; you can redistribute it and/or modify *   1) The GNU Lesser General Public License (LGPL), version 2.1, as *   published by the Free Software Foundation *   2) The Eclipse Public License (EPL), version 1.0 * This software is distributed in the hope that it will be useful, * but WITHOUT ANY WARRANTY; without even the implied warranty of * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. * LGPL v2.1: http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html'

/*

* Distributed as part of c3p0 v.0.9.5.3

*

* Copyright (C) 2018 Machinery For Change, Inc.

*

* Author: Steve Waldman <swaldman@mchange.com>

*

* This library is free software; you can redistribute it and/or modify

* it under the terms of EITHER:

*

*   1) The GNU Lesser General Public License (LGPL), version 2.1, as

*   published by the Free Software Foundation

*

* OR

*

*   2) The Eclipse Public License (EPL), version 1.0

*

* You may choose which license to accept if you wish to redistribute

* or modify this work. You may offer derivatives of this work

* under the license you have chosen, or you may provide the same

* choice of license which you have been offered here.

*

* This software is distributed in the hope that it will be useful,

* but WITHOUT ANY WARRANTY; without even the implied warranty of

* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

*

* You should have received copies of both LGPL v2.1 and EPL v1.0

* along with this software; see

 the files LICENSE-EPL and LICENSE-LGPL.

* If not, the text of these licenses are currently available at

*

* LGPL v2.1: http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html

* EPL v1.0: http://www.eclipse.org/org/documents/epl-v10.php

*

*/

1.54 mchange-commons-java 0.2.15

1.54.1 Available under license :

Found license 'Eclipse Public License 1.0' in 'This library is free software; you can redistribute it and/or modify 1) The GNU Lesser General Public License (LGPL), version 2.1, as published by the Free Software Foundation 2) The Eclipse Public License (EPL), version 1.0 This software is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. LGPL v2.1: http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html'

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor"
 means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer

to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder,
 each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively
 excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

4. COMMERCIAL
 DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any
 claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor
 to pay any damages as a result, the Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement , including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY,
 OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER,

EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such
 Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement
 Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual
 property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.
Found license 'GNU Lesser General Public License' in 'This library is free software; you can redistribute it and/or modify 1) The GNU Lesser General Public License (LGPL), version 2.1, as published by the Free Software Foundation 2) The Eclipse Public License (EPL), version 1.0 This software is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. LGPL v2.1: http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html'

1.55 hppc 0.7.1

1.55.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form
 shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely
 link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean

Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use
 the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly
 negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor
 harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

 Copyright [yyyy] [name of copyright owner]

 Licensed under the Apache License, Version 2.0 (the "License");
 you may not use this file except in compliance with the License.
 You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.56 joda-time 2.10.1

1.56.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or
(iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a

copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from)
the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication
on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant
of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You

institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as
of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own
copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,

reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names
of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law
(such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your
sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,

1.57 apache-commons-net 3.5

1.57.1 Available under license :

Apache Commons Net
Copyright 2001-2016 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
     Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
     stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
     that You distribute, all copyright, patent, trademark, and
     attribution notices from the Source form of the Work,
     excluding those notices that do not pertain to any part of
     the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
     distribution, then any Derivative Works that You distribute must
     include a readable copy of the attribution notices contained
     within such NOTICE file, excluding

those notices that do not

     pertain to any part of the Derivative Works, in at least one
     of the following places: within a NOTICE text file distributed
     as part of the Derivative Works; within the Source form or
     documentation, if provided along with the Derivative Works; or,
     within a display generated by the Derivative Works, if and
     wherever such third-party notices normally appear. The contents
     of the NOTICE file are for informational purposes only and
     do not modify the License. You may add Your own attribution
     notices within Derivative Works that You distribute, alongside
     or as an addendum to the NOTICE text from the Work, provided
     that such additional attribution notices cannot be construed
     as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,

except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the

same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.58 osgiresourcelocatorbundle 1.0.3
1.58.1 Available under license :

Found license 'General Public License 2.0' in 'Copyright (c) 2010, 2018 Oracle and/or its affiliates. All rights
reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public
License v. 2.0, which is available at Eclipse Public License v. 2.0 are satisfied: GNU General Public License,'
Found license 'Eclipse Public License 1.0' in 'Copyright (c) 2010, 2018 Oracle and/or its affiliates. All rights
reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public
License v. 2.0, which is available at Eclipse Public License v. 2.0 are satisfied: GNU General Public License,'

1.59 protocol-buffer-java-api 3.11.4
1.59.1 Available under license :

Copyright 2008, Google Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

  * Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
  * Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following disclaimer
in the documentation and/or other materials provided with the
distribution.
  * Neither the name of Google Inc. nor the names of its
contributors may be used to endorse or promote products derived from
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
 CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

 2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

 3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their

Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf

of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [2007] Neal Norwitz
Portions Copyright [2007] Google Inc.

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the
License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
This file contains a list of people who've made non-trivial
contribution to the Google C++ Mocking Framework project. People
who commit code to the project are encouraged to add their names
here. Please keep the list sorted by first names.

Benoit Sigoure <tsuna@google.com>
Bogdan Piloca <boo@google.com>
Chandler Carruth <chandlerc@google.com>
Dave MacLachlan <dmaclach@gmail.com>
David Anderson <danderson@google.com>
Dean Sturtevant
Gene Volovich <gv@cite.com>
Hal Burch <gmock@hburch.com>
Jeffrey Yasskin <jyasskin@google.com>
Jim Keller <jimkeller@google.com>

Joe Walnes <joe@truemesh.com>
Jon Wray <jwray@google.com>
Keir Mierle <mierle@gmail.com>
Keith Ray <keith.ray@gmail.com>
Kostya Serebryany <kcc@google.com>
Lev Makhlis
Manuel Klimek <klimek@google.com>
Mario Tanev <radix@google.com>
Mark Paskin
Markus Heule <markus.heule@gmail.com>
Matthew Simmons <simmonmt@acm.org>
Mike Bland <mbland@google.com>
Neal Norwitz <nnorwitz@gmail.com>
Nermin Ozkiranartli <nermin@google.com>
Owen
 Carlsen <ocarlsen@google.com>
Paneendra Ba <paneendra@google.com>
Paul Menage <menage@google.com>
Piotr Kaminski <piotrk@google.com>
Russ Rufer <russ@pentad.com>
Sverre Sundsdal <sundsdal@gmail.com>
Takeshi Yoshino <tyoshino@google.com>
Vadim Berman <vadimb@google.com>
Vlad Losev <vladl@google.com>
Wolfgang Klier <wklier@google.com>
Zhanyong Wan <wan@google.com>
This file contains a list of people who have made large contributions
to the public version of Protocol Buffers.

Original Protocol Buffers design and implementation:
 Sanjay Ghemawat <sanjay@google.com>
 Jeff Dean <jeff@google.com>
 Daniel Dulitz <daniel@google.com>
 Craig Silverstein
 Paul Haahr <haahr@google.com>
 Corey Anderson <corin@google.com>
 (and many others)

Proto2 C++ and Java primary author:
 Kenton Varda <kenton@google.com>

Proto2 Python primary authors:
 Will Robinson <robinson@google.com>
 Petar Petrov <petar@google.com>

Java Nano primary authors:
 Brian Duff <bduff@google.com>
 Tom Chao <chaot@google.com>

Max Cai <maxtroy@google.com>
Ulas Kirazci <ulas@google.com>

Large code contributions:
Jason Hsueh <jasonh@google.com>
Joseph Schorr <jschorr@google.com>
Wenbo Zhu <wenboz@google.com>

Large quantity of code reviews:
Scott Bruce <sbruce@google.com>
Frank Yellin
Neal Norwitz <nnorwitz@google.com>
Jeffrey Yasskin <jyasskin@google.com>
Ambrose
Feinstein <ambrose@google.com>

Documentation:
Lisa Carey <lcarey@google.com>

Maven packaging:
Gregory Kick <gak@google.com>

Patch contributors:
Kevin Ko <kevin.s.ko@gmail.com>
  * Small patch to handle trailing slashes in --proto_path flag.
Johan Euphrosine <proppy@aminche.com>
  * Small patch to fix Python CallMethod().
Ulrich Kunitz <kune@deine-taler.de>
  * Small optimizations to Python serialization.
Leandro Lucarella <llucax@gmail.com>
  * VI syntax highlighting tweaks.
  * Fix compiler to not make output executable.
Dilip Joseph <dilip.antony.joseph@gmail.com>
  * Heuristic detection of sub-messages when printing unknown fields in
    text format.
Brian Atkinson <nairb774@gmail.com>
  * Added @Override annotation to generated Java code where appropriate.
Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>
  * Tru64 support.
Monty Taylor <monty.taylor@gmail.com>
  * Solaris 10 + Sun Studio fixes.
Alek Storm <alek.storm@gmail.com>

  * Slicing support for repeated scalar fields for the Python API.
Oleg Smolsky <oleg.smolsky@gmail.com>
  * MS Visual Studio error format option.
  * Detect unordered_map in stl_hash.m4.
Brian Olson <brianolson@google.com>

* gzip/zlib I/O support.
Michael Poole <mdpoole@troilus.org>
  * Fixed warnings about generated constructors not explicitly initializing
    all fields (only present with certain compiler settings).
  * Added generation of field number constants.
Wink Saville <wink@google.com>
  * Fixed initialization ordering problem in logging code.
Will Pierce <willp@nuclei.com>
  * Small patch improving performance of in Python serialization.
Alexandre Vassalotti <alexandre@peadrop.com>
  * Emacs mode for Protocol Buffers (editors/protobuf-mode.el).
Scott Stafford <scott.stafford@gmail.com>
  * Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.
Alexander Melnikov <alm@sibmail.ru>
  * HPUX support.
Oliver Jowett <oliver.jowett@gmail.com>
   * Detect whether zlib is new enough in configure script.
  * Fixes for Solaris 10 32/64-bit confusion.
Evan Jones <evanj@mit.edu>
  * Optimize Java serialization code when writing a small message to a stream.
  * Optimize Java serialization of strings so that UTF-8 encoding happens only
    once per string per serialization call.
  * Clean up some Java warnings.
  * Fix bug with permanent callbacks that delete themselves when run.
Michael Kucharski <m.kucharski@gmail.com>
  * Added CodedInputStream.getTotalBytesRead().
Kacper Kowalik <xarthisius.kk@gmail.com>
  * Fixed m4/acx_pthread.m4 problem for some Linux distributions.
William Orr <will@worrbase.com>
  * Fixed detection of sched_yield on Solaris.
  * Added atomicops for Solaris
Andrew Paprocki <andrew@ishiboo.com>
  * Fixed minor IBM xlC compiler build issues
  * Added atomicops for AIX (POWER)
This file contains a list of people who've made non-trivial
contribution to the Google C++ Testing Framework project. People
who commit code to the project are encouraged to add their names
here. Please keep the list sorted by first names.

Ajay Joshi <jaj@google.com>
Balzs Dn <balazs.dan@gmail.com>
Bharat Mediratta <bharat@menalto.com>
Chandler Carruth <chandlerc@google.com>
Chris Prince <cprince@google.com>
Chris Taylor <taylorc@google.com>
Dan Egnor <egnor@google.com>
Eric Roman <eroman@chromium.org>
Hady Zalek <hady.zalek@gmail.com>

Jeffrey Yasskin <jyasskin@google.com>

Ji Sigursson <joi@google.com>

Keir Mierle <mierle@gmail.com>

Keith Ray <keith.ray@gmail.com>

Kenton Varda <kenton@google.com>

Manuel Klimek <klimek@google.com>

Markus Heule <markus.heule@gmail.com>

Mika Raento <mikie@iki.fi>

Mikls Fazekas <mfazekas@szemafor.com>

Pasi Valminen <pasi.valminen@gmail.com>

Patrick Hanna <phanna@google.com>

Patrick Riley <pfr@google.com>

Peter Kaminski <piotrk@google.com>

Preston

 Jackson <preston.a.jackson@gmail.com>

Rainer Klaffenboeck <rainer.klaffenboeck@dynatrace.com>

Russ Cox <rsc@google.com>

Russ Rufer <russ@pentad.com>

Sean Mcafee <eefacm@gmail.com>

Sigurur sgeirsson <siggi@google.com>

Tracy Bialik <tracy@pentad.com>

Vadim Berman <vadimb@google.com>

Vlad Losev <vladl@google.com>

Zhanyong Wan <wan@google.com>

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

1.60 jaxb-xml-binding-code-generator-package 2.2.6

1.60.1 Available under license :

Found license 'General Public License 2.0' in '# Copyright (c) 1997-2012 Oracle and/or its affiliates. All rights reserved. # The contents of this file are subject to the terms of either the GNU # General Public License Version 2 only ("GPL") or the Common Development # and Distribution License("CDDL") (collectively, the "License"). You # may not use this file except in compliance with the License. You can # Oracle designates this particular file as subject to the "Classpath" # exception as provided by Oracle in the GPL Version 2 section of the License'

Found license 'Common Development and Distribution License (CDDL) 1.1' in 'Copyright (c) 2005-2011 Oracle and/or its affiliates. All rights reserved. The contents of this file are subject to the terms of either the GNU General Public License Version 2 only ("GPL") or the Common Development and Distribution License("CDDL") (collectively, the "License"). You may not use this file except in compliance with the License. You can Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the GPL Version 2 section of the License'

Found license 'General Public License 2.0' in '# Copyright (c) 1997-2011 Oracle and/or its affiliates. All rights reserved. # The contents of this file are subject to the terms of either the GNU # General Public License Version 2 only ("GPL") or the Common Development # and Distribution License("CDDL") (collectively, the "License"). You # may not use this file except in compliance with the License. You can # Oracle designates this particular file as subject to the "Classpath" # exception as provided by Oracle in the GPL Version 2 section of the License'

Found license 'General Public License 2.0' in 'Copyright (c) 2005-2011 Oracle and/or its affiliates. All rights reserved. The contents of this file are subject to the terms of either the GNU General Public License Version 2 only ("GPL") or the Common Development and Distribution License("CDDL") (collectively, the "License"). You may not use this file except in compliance with the License. You can Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the GPL Version 2 section of the License'

Found license 'General Public License 2.0' in 'Copyright (c) 1997-2011 Oracle and/or its affiliates. All rights reserved. The contents of this file are subject to the terms of either the GNU General Public License Version 2 only ("GPL") or the Common Development and Distribution License("CDDL") (collectively, the "License"). You may not use this file except in compliance with the License. You can Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the GPL Version 2 section of the License'

Found license 'Common Development and Distribution License (CDDL) 1.1' in 'Copyright (c) 1997-2011 Oracle and/or its affiliates. All rights reserved. The contents of this file are subject to the terms of either the GNU General Public License Version 2 only ("GPL") or the Common Development and Distribution License("CDDL") (collectively, the "License"). You may not use this file except in compliance with the License. You can Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the GPL Version 2 section of the License'

1.61 stateless4j 2.5.0

1.61.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2014 Fabien Renaud.

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1050354490_1591726454.95/0/stateless4j-2-5-0-sources-1-
jar/com/github/oxo42/stateless4j/delegates/FuncBoolean.java

* /opt/ws_local/PERMITS_SQL/1050354490_1591726454.95/0/stateless4j-2-5-0-sources-1-
jar/com/github/oxo42/stateless4j/OutVar.java

1.62 jetty-websocket-api 9.4.18.v20190429

1.62.1 Available under license :

This program and the accompanying materials are made available under the
terms of the Eclipse Public License 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Apache Software License
2.0 which is available at https://www.apache.org/licenses/LICENSE-2.0.

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC
LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM
CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation
   distributed under this Agreement, and
b) in the case of each subsequent Contributor:
   i) changes to the Program, and
   ii) additions to the Program;

   where such changes and/or additions to the Program originate from and are
   distributed by that particular Contributor. A Contribution 'originates'
   from a Contributor if it was added to the Program by such
Contributor
   itself or anyone acting on such Contributor's behalf. Contributions do not
   include additions to the Program which: (i) are separate modules of
   software distributed in conjunction with the Program under their own
   license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are
necessarily infringed by the use or sale of its Contribution alone or when
combined with the Program.

"Program" means the Contributions distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement,
including all Contributors.

2. GRANT OF RIGHTS
 a) Subject to the terms of this Agreement, each Contributor hereby grants
    Recipient a non-exclusive, worldwide, royalty-free copyright license to
    reproduce, prepare derivative works of, publicly display, publicly
    perform,
 distribute and sublicense the Contribution of such Contributor,
    if any, and such derivative works, in source code and object code form.
 b) Subject to the terms of this Agreement, each Contributor hereby grants
    Recipient a non-exclusive, worldwide, royalty-free patent license under
    Licensed Patents to make, use, sell, offer to sell, import and otherwise
    transfer the Contribution of such Contributor, if any, in source code and
    object code form. This patent license shall apply to the combination of
    the Contribution and the Program if, at the time the Contribution is
    added by the Contributor, such addition of the Contribution causes such
    combination to be covered by the Licensed Patents. The patent license
    shall not apply to any other combinations which include the Contribution.
    No hardware per se is licensed hereunder.
 c) Recipient understands that although each Contributor grants the licenses
    to its Contributions set forth herein,

no assurances are provided by any
Contributor that the Program does not infringe the patent or other
intellectual property rights of any other entity. Each Contributor
disclaims any liability to Recipient for claims brought by any other
entity based on infringement of intellectual property rights or
otherwise. As a condition to exercising the rights and licenses granted
hereunder, each Recipient hereby assumes sole responsibility to secure
any other intellectual property rights needed, if any. For example, if a
third party patent license is required to allow Recipient to distribute
the Program, it is Recipient's responsibility to acquire that license
before distributing the Program.
d) Each Contributor represents that to its knowledge it has sufficient
copyright rights in its Contribution, if any, to grant the copyright
license set forth in this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program
in object code form under
its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and
b) its license agreement:
i) effectively disclaims on behalf of all Contributors all warranties
and conditions, express and implied, including warranties or
conditions of title and non-infringement, and implied warranties or
conditions of merchantability and fitness for a particular purpose;
ii) effectively excludes on behalf of all Contributors all liability for
damages, including direct, indirect, special, incidental and
consequential damages, such as lost profits;
iii) states that any provisions which differ from this Agreement are
offered by that Contributor alone and not by any other party; and
iv) states that source code for the Program is available from such
Contributor, and informs licensees how to obtain it in a reasonable
manner on or through a
medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and
b) a copy of this Agreement must be included with each copy of the Program.
Contributors may not remove or alter any copyright notices contained
within the Program.

Each Contributor must identify itself as the originator of its Contribution,
if
any, in a manner that reasonably allows subsequent Recipients to identify the
originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with
respect to end users, business partners and the like. While this license is
intended to facilitate the commercial use of the Program, the Contributor who
includes the Program in a commercial product offering should do so in a manner
which does not create potential liability for other Contributors. Therefore,
if a Contributor includes the Program in a commercial
 product offering, such
Contributor ("Commercial Contributor") hereby agrees to defend and indemnify
every other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits and
other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such Commercial
Contributor in connection with its distribution of the Program in a commercial
product offering. The obligations in this section do not apply to any claims
or Losses relating to any actual or alleged intellectual property
infringement. In order to qualify, an Indemnified Contributor must:
a) promptly notify the Commercial Contributor in writing of such claim, and
b) allow the Commercial Contributor to control, and cooperate with the
Commercial Contributor in, the defense and any related settlement
negotiations. The Indemnified Contributor may participate in any such claim at
its own expense.

For example,
 a Contributor might include the Program in a commercial product
offering, Product X. That Contributor is then a Commercial Contributor. If
that Commercial Contributor then makes performance claims, or offers
warranties related to Product X, those performance claims and warranties are
such Commercial Contributor's responsibility alone. Under this section, the
Commercial Contributor would have to defend claims against the other
Contributors related to those performance claims and warranties, and if a
court requires any other Contributor to pay any damages as a result, the
Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN
"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE,
NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each
Recipient is solely responsible for determining
 the appropriateness of using
and distributing the Program and assumes all risks associated with its
exercise of rights under this Agreement , including but not limited to the
risks and costs of program errors, compliance with applicable laws, damage to
or loss of data, programs or equipment, and unavailability or interruption of

operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable
 law, it shall not affect the validity or enforceability of the
remainder of the terms of this Agreement, and without further action by the
parties hereto, such provision shall be reformed to the minimum extent
necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Program itself
(excluding combinations of the Program with other software or hardware)
infringes such Recipient's patent(s), then such Recipient's rights granted
under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to
comply with any of the material terms or conditions of this Agreement and does
not cure such failure in a reasonable period of time after becoming aware of
such noncompliance. If all Recipient's rights under this Agreement terminate,
Recipient agrees to cease use and distribution
 of the Program as soon as
reasonably practicable. However, Recipient's obligations under this Agreement
and any licenses granted by Recipient relating to the Program shall continue
and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in
order to avoid inconsistency the Agreement is copyrighted and may only be
modified in the following manner. The Agreement Steward reserves the right to
publish new versions (including revisions) of this Agreement from time to
time. No one other than the Agreement Steward has the right to modify this
Agreement. The Eclipse Foundation is the initial Agreement Steward. The
Eclipse Foundation may assign the responsibility to serve as the Agreement
Steward to a suitable separate entity. Each new version of the Agreement will
be given a distinguishing version number. The Program (including
Contributions) may always be distributed subject to the version of the

Agreement under which it was received. In addition, after
 a new version of the
Agreement is published, Contributor may elect to distribute the Program
(including its Contributions) under the new version. Except as expressly
stated in Sections 2(a) and 2(b) above, Recipient receives no rights or
licenses to the intellectual property of any Contributor under this Agreement,
whether expressly, by implication, estoppel or otherwise. All rights in the
Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the
intellectual property laws of the United States of America. No party to this
Agreement will bring a legal action under this Agreement more than one year
after the cause of action arose. Each party waives its rights to a jury trial in
any resulting litigation.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND
DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
 including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical

transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works
that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously
marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,

use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative
Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
 the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions)
on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited
to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this

License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache
License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS
OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
==
Jetty Web Container
Copyright 1995-2018 Mort Bay Consulting Pty Ltd.
==

The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd
unless otherwise noted.

Jetty is dual licensed under both

 * The Apache 2.0 License
   http://www.apache.org/licenses/LICENSE-2.0.html

and

 * The Eclipse Public 1.0 License
   http://www.eclipse.org/legal/epl-v10.html

Jetty may be distributed under either license.

Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modififications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2
 licensed.

org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by
Unix systems for simple password protection. Copyright 1996 Aki Yoshida,
modified April 2001 by Iris Van den Broeke, Daniel Deville.
Permission to use, copy, modify and distribute UnixCrypt
for non-commercial or commercial purposes and without fee is
granted provided that the copyright notice appears in all
 copies.

1.63 jetty-java-based-http-1-x-http-2-servlet-websocket-server jetty-9.4.18.v20190429

1.63.1 Available under license :

This program and the accompanying materials are made available under the
terms of the Eclipse Public License 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Apache Software License
2.0 which is available at https://www.apache.org/licenses/LICENSE-2.0.

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC
LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM
CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation
  distributed under this Agreement, and
b) in the case of each subsequent Contributor:
  i) changes to the Program, and
  ii) additions to the Program;

  where such changes and/or additions to the Program originate from and are
  distributed by that particular Contributor. A Contribution 'originates'
  from a Contributor if it was added to the Program by such
 Contributor
  itself or anyone acting on such Contributor's behalf. Contributions do not
  include additions to the Program which: (i) are separate modules of
  software distributed in conjunction with the Program under their own

license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

2. GRANT OF RIGHTS
 a) Subject to the terms of this Agreement, each Contributor hereby grants
    Recipient a non-exclusive, worldwide, royalty-free copyright license to
    reproduce, prepare derivative works of, publicly display, publicly
    perform,
 distribute and sublicense the Contribution of such Contributor,
    if any, and such derivative works, in source code and object code form.
 b) Subject to the terms of this Agreement, each Contributor hereby grants
    Recipient a non-exclusive, worldwide, royalty-free patent license under
    Licensed Patents to make, use, sell, offer to sell, import and otherwise
    transfer the Contribution of such Contributor, if any, in source code and
    object code form. This patent license shall apply to the combination of
    the Contribution and the Program if, at the time the Contribution is
    added by the Contributor, such addition of the Contribution causes such
    combination to be covered by the Licensed Patents. The patent license
    shall not apply to any other combinations which include the Contribution.
    No hardware per se is licensed hereunder.
 c) Recipient understands that although each Contributor grants the licenses
    to its Contributions set forth herein,
 no assurances are provided by any
    Contributor that the Program does not infringe the patent or other
    intellectual property rights of any other entity. Each Contributor
    disclaims any liability to Recipient for claims brought by any other
    entity based on infringement of intellectual property rights or
    otherwise. As a condition to exercising the rights and licenses granted
    hereunder, each Recipient hereby assumes sole responsibility to secure
    any other intellectual property rights needed, if any. For example, if a
    third party patent license is required to allow Recipient to distribute
    the Program, it is Recipient's responsibility to acquire that license
    before distributing the Program.
 d) Each Contributor represents that to its knowledge it has sufficient
    copyright rights in its Contribution, if any, to grant the copyright
    license set forth in this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program
in object code form under
its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and
b) its license agreement:
  i) effectively disclaims on behalf of all Contributors all warranties
     and conditions, express and implied, including warranties or
     conditions of title and non-infringement, and implied warranties or
     conditions of merchantability and fitness for a particular purpose;
  ii) effectively excludes on behalf of all Contributors all liability for
     damages, including direct, indirect, special, incidental and
     consequential damages, such as lost profits;
  iii) states that any provisions which differ from this Agreement are
     offered by that Contributor alone and not by any other party; and
  iv) states that source code for the Program is available from such
     Contributor, and informs licensees how to obtain it in a reasonable
     manner on or through a
medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and
b) a copy of this Agreement must be included with each copy of the Program.
   Contributors may not remove or alter any copyright notices contained
   within the Program.

Each Contributor must identify itself as the originator of its Contribution,
if
any, in a manner that reasonably allows subsequent Recipients to identify the
originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with
respect to end users, business partners and the like. While this license is
intended to facilitate the commercial use of the Program, the Contributor who
includes the Program in a commercial product offering should do so in a manner
which does not create potential liability for other Contributors. Therefore,
if a Contributor includes the Program in a commercial
product offering, such
Contributor ("Commercial Contributor") hereby agrees to defend and indemnify
every other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits and
other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such Commercial

Contributor in connection with its distribution of the Program in a commercial
product offering. The obligations in this section do not apply to any claims
or Losses relating to any actual or alleged intellectual property
infringement. In order to qualify, an Indemnified Contributor must:
a) promptly notify the Commercial Contributor in writing of such claim, and
b) allow the Commercial Contributor to control, and cooperate with the
Commercial Contributor in, the defense and any related settlement
negotiations. The Indemnified Contributor may participate in any such claim at
its own expense.

For example,
 a Contributor might include the Program in a commercial product
offering, Product X. That Contributor is then a Commercial Contributor. If
that Commercial Contributor then makes performance claims, or offers
warranties related to Product X, those performance claims and warranties are
such Commercial Contributor's responsibility alone. Under this section, the
Commercial Contributor would have to defend claims against the other
Contributors related to those performance claims and warranties, and if a
court requires any other Contributor to pay any damages as a result, the
Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN
"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE,
NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each
Recipient is solely responsible for determining
 the appropriateness of using
and distributing the Program and assumes all risks associated with its
exercise of rights under this Agreement , including but not limited to the
risks and costs of program errors, compliance with applicable laws, damage to
or loss of data, programs or equipment, and unavailability or interruption of
operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY
CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION
LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY
OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable
 law, it shall not affect the validity or enforceability of the
remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution
 of the Program as soon as
reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after
 a new version of the
Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works

that remain

separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously
marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without

modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative
Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions)
on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct, indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited
to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache
License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"

replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

 Copyright [yyyy] [name of copyright owner]

 Licensed under the Apache License, Version 2.0 (the "License");
 you may not use this file except in compliance with the License.
 You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
 distributed under the License is distributed on an "AS IS" BASIS,
 WITHOUT WARRANTIES OR CONDITIONS
 OF ANY KIND, either express or implied.
 See the License for the specific language governing permissions and
 limitations under the License.
==
Jetty Web Container
Copyright 1995-2018 Mort Bay Consulting Pty Ltd.
==

The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd
unless otherwise noted.

Jetty is dual licensed under both

 * The Apache 2.0 License
   http://www.apache.org/licenses/LICENSE-2.0.html

     and

 * The Eclipse Public 1.0 License
   http://www.eclipse.org/legal/epl-v10.html

Jetty may be distributed under either license.

Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modififications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
 licensed.

org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by
Unix systems for simple password protection. Copyright 1996 Aki Yoshida,
modified April 2001 by Iris Van den Broeke, Daniel Deville.
Permission to use, copy, modify and distribute UnixCrypt
for non-commercial or commercial purposes and without fee is
granted provided that the copyright notice appears in all
 copies.

1.64 jetty-websocket-common 9.4.18.v20190429

1.64.1 Available under license :

This program and the accompanying materials are made available under the
terms of the Eclipse Public License 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Apache Software License
2.0 which is available at https://www.apache.org/licenses/LICENSE-2.0.

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC
LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM
CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation
   distributed under this Agreement, and
b) in the case of each subsequent Contributor:
    i) changes to the Program, and
   ii) additions to the Program;

   where such changes and/or additions to the Program originate from and are
   distributed by that particular Contributor. A Contribution 'originates'
   from a Contributor if it was added to the Program by such
  Contributor
   itself or anyone acting on such Contributor's behalf. Contributions do not
   include additions to the Program which: (i) are separate modules of
   software distributed in conjunction with the Program under their own
   license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are
necessarily infringed by the use or sale of its Contribution alone or when
combined with the Program.

"Program" means the Contributions distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement,

including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants
   Recipient a non-exclusive, worldwide, royalty-free copyright license to
   reproduce, prepare derivative works of, publicly display, publicly
   perform,
distribute and sublicense the Contribution of such Contributor,
   if any, and such derivative works, in source code and object code form.
b) Subject to the terms of this Agreement, each Contributor hereby grants
   Recipient a non-exclusive, worldwide, royalty-free patent license under
   Licensed Patents to make, use, sell, offer to sell, import and otherwise
   transfer the Contribution of such Contributor, if any, in source code and
   object code form. This patent license shall apply to the combination of
   the Contribution and the Program if, at the time the Contribution is
   added by the Contributor, such addition of the Contribution causes such
   combination to be covered by the Licensed Patents. The patent license
   shall not apply to any other combinations which include the Contribution.
   No hardware per se is licensed hereunder.
c) Recipient understands that although each Contributor grants the licenses
   to its Contributions set forth herein,
no assurances are provided by any
   Contributor that the Program does not infringe the patent or other
   intellectual property rights of any other entity. Each Contributor
   disclaims any liability to Recipient for claims brought by any other
   entity based on infringement of intellectual property rights or
   otherwise. As a condition to exercising the rights and licenses granted
   hereunder, each Recipient hereby assumes sole responsibility to secure
   any other intellectual property rights needed, if any. For example, if a
   third party patent license is required to allow Recipient to distribute
   the Program, it is Recipient's responsibility to acquire that license
   before distributing the Program.
d) Each Contributor represents that to its knowledge it has sufficient
   copyright rights in its Contribution, if any, to grant the copyright
   license set forth in this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program
in object code form under
its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and
b) its license agreement:
   i) effectively disclaims on behalf of all Contributors all warranties
      and conditions, express and implied, including warranties or
      conditions of title and non-infringement, and implied warranties or
      conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for
damages, including direct, indirect, special, incidental and
consequential damages, such as lost profits;
iii) states that any provisions which differ from this Agreement are
offered by that Contributor alone and not by any other party; and
iv) states that source code for the Program is available from such
Contributor, and informs licensees how to obtain it in a reasonable
manner on or through a
medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and
b) a copy of this Agreement must be included with each copy of the Program.
Contributors may not remove or alter any copyright notices contained
within the Program.

Each Contributor must identify itself as the originator of its Contribution,
if
any, in a manner that reasonably allows subsequent Recipients to identify the
originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with
respect to end users, business partners and the like. While this license is
intended to facilitate the commercial use of the Program, the Contributor who
includes the Program in a commercial product offering should do so in a manner
which does not create potential liability for other Contributors. Therefore,
if a Contributor includes the Program in a commercial
product offering, such
Contributor ("Commercial Contributor") hereby agrees to defend and indemnify
every other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits and
other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such Commercial
Contributor in connection with its distribution of the Program in a commercial
product offering. The obligations in this section do not apply to any claims
or Losses relating to any actual or alleged intellectual property
infringement. In order to qualify, an Indemnified Contributor must:
a) promptly notify the Commercial Contributor in writing of such claim, and
b) allow the Commercial Contributor to control, and cooperate with the
Commercial Contributor in, the defense and any related settlement
negotiations. The Indemnified Contributor may participate in any such claim at
its own expense.

For example,

a Contributor might include the Program in a commercial product
offering, Product X. That Contributor is then a Commercial Contributor. If
that Commercial Contributor then makes performance claims, or offers
warranties related to Product X, those performance claims and warranties are
such Commercial Contributor's responsibility alone. Under this section, the
Commercial Contributor would have to defend claims against the other
Contributors related to those performance claims and warranties, and if a
court requires any other Contributor to pay any damages as a result, the
Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN
"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE,
NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each
Recipient is solely responsible for determining
 the appropriateness of using
and distributing the Program and assumes all risks associated with its
exercise of rights under this Agreement , including but not limited to the
risks and costs of program errors, compliance with applicable laws, damage to
or loss of data, programs or equipment, and unavailability or interruption of
operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY
CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION
LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY
OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable
 law, it shall not affect the validity or enforceability of the
remainder of the terms of this Agreement, and without further action by the
parties hereto, such provision shall be reformed to the minimum extent
necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Program itself
(excluding combinations of the Program with other software or hardware)
infringes such Recipient's patent(s), then such Recipient's rights granted

under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution
 of the Program as soon as
reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after
 a new version of the
Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
 including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works
that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to

communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously
marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
 use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and

attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative
Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions)
on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions

of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct, indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited
to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache
License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS
OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
==
Jetty Web Container
Copyright 1995-2018 Mort Bay Consulting Pty Ltd.
==

The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd
unless otherwise noted.

Jetty is dual licensed under both

 * The Apache 2.0 License
   http://www.apache.org/licenses/LICENSE-2.0.html

     and

 * The Eclipse Public 1.0 License
   http://www.eclipse.org/legal/epl-v10.html

Jetty may be distributed under either license.

Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modififications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by
Unix systems for simple password protection. Copyright 1996 Aki Yoshida,
modified April 2001 by Iris Van den Broeke, Daniel Deville.
Permission to use, copy, modify and distribute UnixCrypt
for non-commercial or commercial purposes and without fee is
granted provided that the copyright notice appears in all
 copies.

1.65 okhttp 3.14.9
1.65.1 Available under license :

Note that publicsuffixes.gz is compiled from The Public Suffix List:
https://publicsuffix.org/list/public_suffix_list.dat

It is subject to the terms of the Mozilla Public License, v. 2.0:
https://mozilla.org/MPL/2.0/

1.66 elasticsearch 2.4.1

1.66.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain

separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without

modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
 Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
 stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
 that You distribute, all copyright, patent, trademark, and
 attribution notices from the Source form of the Work,
 excluding those notices that do not pertain to any part of
 the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
 distribution, then any Derivative Works that You distribute must
 include a readable copy of the attribution notices contained
 within such NOTICE file, excluding
those notices that do not
 pertain to any part of the Derivative Works, in at least one
 of the following places: within a NOTICE text file distributed
 as part of the Derivative Works; within the Source form or
 documentation, if provided along with the Derivative Works; or,
 within a display generated by the Derivative Works, if and
 wherever such third-party notices normally appear. The contents
 of the NOTICE file are for informational purposes only and
 do not modify the License. You may add Your own attribution
 notices within Derivative Works that You distribute, alongside
 or as an addendum to the NOTICE text from the Work, provided
 that such additional attribution notices cannot be construed
 as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

1.67 bouncy-castle 1.66

1.67.1 Available under license :

No license file was found, but licenses were detected in source scan.

/**

* Poly1305 message authentication code, designed by D. J. Bernstein.
* <p>
* Poly1305 computes a 128-bit (16 bytes) authenticator, using a 128 bit nonce and a 256 bit key
* consisting of a 128 bit key applied to an underlying cipher, and a 128 bit key (with 106
* effective key bits) used in the authenticator.
* <p>
* The polynomial calculation in this implementation is adapted from the public domain <a
* href="https://github.com/floodyberry/poly1305-donna">poly1305-donna-unrolled C implementation
* by Andrew M (@floodyberry).
* @see Poly1305KeyGenerator
*/

Found in path(s):
* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-
jar/org/bouncycastle/crypto/macs/Poly1305.java
No license file was found, but licenses were detected in source scan.

/**
* The Bouncy Castle License
*
* Copyright (c) 2000-2019 The Legion Of The Bouncy Castle Inc. (http://www.bouncycastle.org)
* <p>
* Permission is hereby granted, free of charge, to any person obtaining a copy of this software
* and associated documentation files (the "Software"), to deal in the Software without restriction,
* including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense,
* and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so,
* subject to the following conditions:
* <p>
* The above copyright notice and this permission notice shall be included in all copies or substantial
* portions of the Software.
* <p>
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,
* INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR
* PURPOSE AND NONINFRINGEMENT.
 IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE
* LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR
* OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER
* DEALINGS IN THE SOFTWARE.
*/

Found in path(s):
* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-
jar/org/bouncycastle/LICENSE.java

No license file was found, but licenses were detected in source scan.

public DomainParameters(BigInteger p, BigInteger g, BigInteger q, BigInteger j,

Found in path(s):
* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-
jar/org/bouncycastle/asn1/x9/DomainParameters.java
No license file was found, but licenses were detected in source scan.

// now keep space is free to use

Found in path(s):
* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-
jar/org/bouncycastle/pqc/crypto/gmss/GMSSPrivateKeyParameters.java
No license file was found, but licenses were detected in source scan.

/**
 * SPHINCS-256 signer.
 * <p>
 * This implementation is heavily based on the reference implementation in SUPERCOP, the main difference being
the digests used
 * for message hashing and tree construction are now configurable (within limits...) and that the implementation
produces
 * detached signatures.
 * </p>
 * <p>
 * The SPHINCS reference implementation is public domain, as per the statement in the second last paragraph of
 * section 1 in https://eprint.iacr.org/2014/795.pdf
 * </p>
 */

Found in path(s):
* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-
jar/org/bouncycastle/pqc/crypto/sphincs/SPHINCS256Signer.java
No license file was found, but licenses were detected in source scan.

/**
 * Magic value for proprietary OpenSSH private key.
 **/

Found in path(s):
* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-
jar/org/bouncycastle/crypto/util/OpenSSHPrivateKeyUtil.java
No license file was found, but licenses were detected in source scan.

/**
 * Copyright (c) 2011 Tim Buktu (tbuktu@hotmail.com)
 *

Found in path(s):

* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-jar/org/bouncycastle/pqc/math/ntru/euclid/test/IntEuclideanTest.java

1.68 jackson-dataformat-yaml 2.10.5

1.68.1 Available under license :

This copy of Jackson JSON processor YAML module is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0
Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
commercially by FasterXML.com.

Licensing

Jackson core and extension components may be licensed under different licenses.
To find the details that apply to this artifact see the accompanying LICENSE file.

For more information, including possible other licensing options, contact
FasterXML.com (http://fasterxml.com).

Credits

A list of contributors may be found from CREDITS file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.

1.69 java-classmate classmate-1.5.1

1.69.1 Available under license :

This copy of Java ClassMate library is licensed under Apache (Software) License,
version 2.0 ("the License").
See the License for details about distribution rights, and the specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0
Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,

publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this License,
each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must
       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding
those notices that do not
       pertain to any part of the Derivative Works, in at least one
       of the following places: within a NOTICE text file distributed
       as part of the Derivative Works; within the Source form or
       documentation, if provided along with the Derivative Works; or,
       within a display generated by the Derivative Works, if and

wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the

1.70 snake-yaml 1.26

1.70.1 Available under license :

/**

* Copyright (c) 2008, http://www.snakeyaml.org

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Found license 'Eclipse Public License 1.0' in '// This module is multi-licensed and may be used under the terms // EPL, Eclipse Public License, V1.0 or later, http://www.eclipse.org/legal // LGPL, GNU Lesser General Public License, V2.1 or later, http://www.gnu.org/licenses/lgpl.html // GPL, GNU General Public License, V2 or later, http://www.gnu.org/licenses/gpl.html // AL, Apache License, V2.0 or later, http://www.apache.org/licenses // BSD, BSD License, http://www.opensource.org/licenses/bsd-license.php * Multi-licensed: EPL / LGPL / GPL / AL / BSD.'

Found license 'GNU Lesser General Public License' in '// This module is multi-licensed and may be used under the terms // EPL, Eclipse Public License, V1.0 or later, http://www.eclipse.org/legal // LGPL, GNU Lesser General Public License, V2.1 or later, http://www.gnu.org/licenses/lgpl.html // GPL, GNU General Public License, V2 or later, http://www.gnu.org/licenses/gpl.html // AL, Apache License, V2.0 or later, http://www.apache.org/licenses // BSD, BSD License, http://www.opensource.org/licenses/bsd-license.php * Multi-licensed: EPL / LGPL / GPL / AL / BSD.'

1.71 jackson-jaxrs-base 2.10.5

1.71.1 Available under license :

This copy of Jackson JSON processor databind module is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

1.72 bean-validation-api 2.0.2

1.72.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii)
beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the
Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,

the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication
on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant
of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as
of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without

modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must

 include a readable copy of the attribution notices contained
    within such NOTICE file, excluding those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

    You may add Your own
copyright statement to Your modifications and
    may provide additional or different license terms and conditions
    for use, reproduction, or distribution of Your modifications, or
    for any such Derivative Works as a whole, provided Your use,
    reproduction, and distribution of the Work otherwise complies with
    the conditions stated in this License.

 5. Submission of Contributions. Unless You explicitly state otherwise,
    any Contribution intentionally submitted for inclusion in the Work
    by You to the Licensor shall be under the terms and conditions of
    this License, without any additional terms or conditions.
    Notwithstanding the above, nothing herein shall supersede or modify
    the terms of any separate license agreement you may have executed
    with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names
of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law
(such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct, indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole
responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"

replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright 2013 Cognifide Limited

Licensed under
the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.73 okhttp 2.7.5

1.73.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2012 The Android Open Source Project
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Address.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/Util.java

* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/HttpStream.java
*
 /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/Http1xStream.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/Http2xStream.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2015 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/ConnectionSpecSelector.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/RequestException.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/HttpUrl.java
*
 /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/io/FileSystem.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/RouteException.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/StreamAllocation.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2013 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0

*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/NamedRunnable.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Request.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Response.java
*
 /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Route.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/NameValueBlockReader.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/MediaType.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/HeadersMode.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/Http2.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/Hpack.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Dispatcher.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Handshake.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/AuthenticatorAdapter.java
*
 /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/Variant.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/Authenticator.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/RouteDatabase.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/InternalCache.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/ErrorCode.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2012 Square, Inc.
* Copyright (C) 2012 The Android Open Source Project
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at

```
*
*     http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/Platform.java
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright (C) 2016 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*     http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/tls/TrustRootIndex.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/tls/AndroidTrustRootIndex.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/tls/RealTrustRootIndex.java
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2013 Twitter, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*    http://www.apache.org/licenses/LICENSE-2.0
```

*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/Huffman.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2012 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/Settings.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/Ping.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/OkHttpClient.java
*
 /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/RouteSelector.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Dns.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with

Found in path(s):

* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/io/RealConnection.java

*

 /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/ConnectionPool.java

* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Connection.java

* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/OptionalMethod.java

* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/HttpEngine.java

* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/tls/DistinguishedNameParser.java

* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/tls/OkHostnameVerifier.java

* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Headers.java

* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/tls/CertificateChainCleaner.java

No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/DiskLruCache.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/HeaderParser.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/FrameWriter.java
*
 /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/FrameReader.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/FramedStream.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/FramedConnection.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/HttpDate.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/Spdy3.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2014 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Call.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Protocol.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/ConnectionSpec.java
*
 /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Challenge.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/RealResponseBody.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/FormEncodingBuilder.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/Version.java

* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/framed/PushObserver.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/CertificatePinner.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/ResponseBody.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/CacheRequest.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/TlsVersion.java
*
 /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Interceptor.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Callback.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/Internal.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/RequestBody.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Credentials.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/HttpMethod.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/MultipartBuilder.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/CipherSuite.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2010 The Android Open Source Project
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/http/RetryableSink.java
* /opt/cola/permits/1097547722_1602103998.89/0/okhttp-2-7-5-sources-1-jar/com/squareup/okhttp/Cache.java

1.74 bean-validation-api 2.0.1

1.74.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii)
beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the
Work and for which the
editorial revisions, annotations, elaborations, or other modifications

represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication
on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant
of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as

of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must

    include a readable copy of the attribution notices contained
       within such NOTICE file, excluding those notices that do not
       pertain to any part of the Derivative Works, in at least one
       of the following places: within a NOTICE text file distributed
       as part of the Derivative Works; within the Source form or
       documentation, if provided along with the Derivative Works; or,
       within a display generated by the Derivative Works, if and
       wherever such third-party notices normally appear. The contents
       of the NOTICE file are for informational purposes only and
       do not modify the License. You may add Your own attribution
       notices within Derivative Works that You distribute, alongside
       or as an addendum to the NOTICE text from the Work, provided
       that such additional attribution notices cannot be construed
       as modifying the License.

   You may add Your own
copyright statement to Your modifications and
   may provide additional or different license terms and conditions
   for use, reproduction, or distribution of Your modifications, or
   for any such Derivative Works as a whole, provided Your use,
   reproduction, and distribution of the Work otherwise complies with
   the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of

this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names
of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law
(such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole
responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

1.75 commons-io 2.8.0

1.75.1 Available under license :

Apache Commons IO
Copyright 2002-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

                    Apache License
                Version 2.0, January 2004
              http://www.apache.org/licenses/

   TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

   1. Definitions.

      "License" shall mean the terms and conditions for use, reproduction,
      and distribution as defined by Sections 1 through 9 of this document.

      "Licensor" shall mean the copyright owner or entity authorized by

the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but

excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this
License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding
those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

  You may add Your own copyright statement to Your modifications and
  may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
  for any such Derivative Works as a whole, provided Your use,
  reproduction, and distribution of the Work otherwise complies with
  the conditions stated in this License.

 5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

 6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the
content of the NOTICE file.

 7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the

appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

1.76 jackson-core 2.11.3

1.76.1 Available under license :

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
commercially by FasterXML.com.

Licensing

Jackson core and extension components may licensed under different licenses.
To find the details that apply to this artifact see the accompanying LICENSE file.
For more information, including possible other licensing options, contact
FasterXML.com (http://fasterxml.com).

Credits

A list of contributors may be found from CREDITS file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.
This copy of Jackson JSON processor streaming parser/generator is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

1.77 apache-http-client 4.5.13

1.77.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

 2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

 3. Grant of Patent License. Subject to the terms and conditions of
   this License,
each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
      Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices

stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

===

This project includes Public Suffix List copied from
<https://publicsuffix.org/list/effective_tld_names.dat>
licensed under the terms of the Mozilla Public License, v. 2.0

Full license text: <http://mozilla.org/MPL/2.0/>

Mozilla Public License Version 2.0
==================================

1. Definitions

1.1. "Contributor"
   means each individual or legal entity that creates, contributes to
   the creation of, or owns Covered Software.

1.2. "Contributor Version"
   means the combination of the Contributions of others (if any) used
   by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"
   means Covered Software of a particular Contributor.

1.4. "Covered Software"
   means Source Code
 Form to which the initial Contributor has attached
   the notice in Exhibit A, the Executable Form of such Source Code
   Form, and Modifications of such Source Code Form, in each case
   including portions thereof.

1.5. "Incompatible With Secondary Licenses"
   means

   (a) that the initial Contributor has attached the notice described
       in Exhibit B to the Covered Software; or

   (b) that the Covered Software was made available under the terms of
       version 1.1 or earlier of the License, but not also under the
       terms of a Secondary License.

1.6. "Executable Form"
   means any form of the work other than Source Code Form.

1.7. "Larger Work"
   means a work that combines Covered Software with other material, in
   a separate file or files, that is not Covered Software.

1.8. "License"
   means this document.

1.9. "Licensable"
   means having the right to grant, to the maximum extent possible,
   whether at the time of the initial grant or subsequently,
 any and
   all of the rights conveyed by this License.

1.10. "Modifications"
   means any of the following:

(a) any file in Source Code Form that results from an addition to,
    deletion from, or modification of the contents of Covered
    Software; or

(b) any new file in Source Code Form that contains any Covered
    Software.

1.11. "Patent Claims" of a Contributor
    means any patent claim(s), including without limitation, method,
    process, and apparatus claims, in any patent Licensable by such
    Contributor that would be infringed, but for the grant of the
    License, by the making, using, selling, offering for sale, having
    made, import, or transfer of either its Contributions or its
    Contributor Version.

1.12. "Secondary License"
    means either the GNU General Public License, Version 2.0, the GNU
    Lesser General Public License, Version 2.1, the GNU Affero General
    Public License, Version 3.0, or any later versions of those

 licenses.

1.13. "Source Code Form"
    means the form of the work preferred for making modifications.

1.14. "You" (or "Your")
    means an individual or a legal entity exercising rights under this
    License. For legal entities, "You" includes any entity that
    controls, is controlled by, or is under common control with You. For
    purposes of this definition, "control" means (a) the power, direct
    or indirect, to cause the direction or management of such entity,
    whether by contract or otherwise, or (b) ownership of more than
    fifty percent (50%) of the outstanding shares or beneficial
    ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free,
non-exclusive license:

(a) under intellectual property rights (other than patent or trademark)
    Licensable by such Contributor to use, reproduce, make available,
    modify, display, perform, distribute, and otherwise

exploit its
  Contributions, either on an unmodified basis, with Modifications, or
  as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer
  for sale, have made, import, and otherwise transfer either its
  Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution
become effective for each Contribution on the date the Contributor first
distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under
this License. No additional rights or licenses will be implied from the
distribution or licensing of Covered Software under this License.
Notwithstanding Section 2.1(b) above, no patent license is granted by a
Contributor:

(a) for any code that a Contributor has removed from Covered Software;
   or

(b) for infringements caused by: (i) Your and any other third party's
   modifications
 of Covered Software, or (ii) the combination of its
   Contributions with other software (except as part of its Contributor
   Version); or

(c) under Patent Claims infringed by Covered Software in the absence of
   its Contributions.

This License does not grant any rights in the trademarks, service marks,
or logos of any Contributor (except as may be necessary to comply with
the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to
distribute the Covered Software under a subsequent version of this
License (see Section 10.2) or under the terms of a Secondary License (if
permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its

Contributions are its original creation(s) or it has sufficient rights
to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have
 under
applicable copyright doctrines of fair use, fair dealing, or other
equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted
in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any
Modifications that You create or to which You contribute, must be under
the terms of this License. You must inform recipients that the Source
Code Form of the Covered Software is governed by the terms of this
License, and how they can obtain a copy of this License. You may not
attempt to alter or restrict the recipients' rights in the Source Code
Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code
   Form, as described in Section 3.1, and You must inform recipients of
   the Executable Form how they can obtain a copy of such Source
 Code
   Form by reasonable means in a timely manner, at a charge no more
   than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this
   License, or sublicense it under different terms, provided that the
   license for the Executable Form does not attempt to limit or alter
   the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice,
provided that You also comply with the requirements of this License for

the Covered Software. If the Larger Work is a combination of Covered
Software with a work governed by one or more Secondary Licenses, and the
Covered Software is not Incompatible With Secondary Licenses, this
License permits You to additionally distribute such Covered Software
under the terms of such Secondary License(s), so that the recipient of
the Larger Work may, at their option, further distribute
 the Covered
Software under the terms of either this License or such Secondary
License(s).

3.4. Notices

You may not remove or alter the substance of any license notices
(including copyright notices, patent notices, disclaimers of warranty,
or limitations of liability) contained within the Source Code Form of
the Covered Software, except that You may alter any license notices to
the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support,
indemnity or liability obligations to one or more recipients of Covered
Software. However, You may do so only on Your own behalf, and not on
behalf of any Contributor. You must make it absolutely clear that any
such warranty, support, indemnity, or liability obligation is offered by
You alone, and You hereby agree to indemnify every Contributor for any
liability incurred by such Contributor as a result of warranty, support,
indemnity or liability
 terms You offer. You may include additional
disclaimers of warranty and limitations of liability specific to any
jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this
License with respect to some or all of the Covered Software due to
statute, judicial order, or regulation then You must: (a) comply with
the terms of this License to the maximum extent possible; and (b)
describe the limitations and the code they affect. Such description must
be placed in a text file included with all distributions of the Covered
Software under this License. Except to the extent prohibited by statute
or regulation, such description must be sufficiently detailed for a
recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically
if You fail to comply with any of its terms. However,
 if You become
compliant, then the rights granted under this License from a particular
Contributor are reinstated (a) provisionally, unless and until such
Contributor explicitly and finally terminates Your grants, and (b) on an
ongoing basis, if such Contributor fails to notify You of the
non-compliance by some reasonable means prior to 60 days after You have
come back into compliance. Moreover, Your grants from a particular
Contributor are reinstated on an ongoing basis if such Contributor
notifies You of the non-compliance by some reasonable means, this is the
first time You have received notice of non-compliance with this License
from such Contributor, and You become compliant prior to 30 days after
Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent
infringement claim (excluding declaratory judgment actions,
counter-claims, and cross-claims) alleging that a Contributor Version
directly or indirectly infringes any patent, then the
 rights granted to
You by any and all Contributors for the Covered Software under Section
2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all
end user license agreements (excluding distributors and resellers) which
have been validly granted by You or Your distributors under this License
prior to termination shall survive termination.

```
************************************************************************
*                                  *
* 6. Disclaimer of Warranty                 *
* -------------------------             *
*                                  *
* Covered Software is provided under this License on an "as is"    *
* basis, without warranty of any kind, either expressed, implied, or *
* statutory, including, without limitation, warranties that the   *
* Covered Software is
 free of defects, merchantable, fit for a      *
* particular purpose or non-infringing. The entire risk as to the   *
* quality and performance of the Covered Software is with You.    *
* Should any Covered Software prove defective in any respect, You   *
* (not any Contributor) assume the cost of any necessary servicing,  *
* repair, or correction. This disclaimer of warranty constitutes an  *
* essential part of this License. No use of any Covered Software is  *
* authorized under this License except under this disclaimer.     *
*                                  *
************************************************************************
```

```
*************************************************************************
*                                      *
* 7. Limitation of Liability                   *
* -------------------------                   *
*                                      *
                                 *
* Under no circumstances and under no legal theory, whether tort   *
* (including negligence), contract, or otherwise, shall any      *
* Contributor, or anyone who distributes Covered Software as      *
* permitted above, be liable to You for any direct, indirect,    *
* special, incidental, or consequential damages of any character   *
* including, without limitation, damages for lost profits, loss of  *
* goodwill, work stoppage, computer failure or malfunction, or any  *
* and all other commercial damages or losses, even if such party   *
* shall have been informed of the possibility of such damages. This  *
* limitation of liability shall not apply to liability for death or  *
* personal injury resulting from such party's negligence to the    *
* extent applicable law prohibits such limitation. Some        *
* jurisdictions do not allow the exclusion or limitation
 of       *
* incidental or consequential damages, so this exclusion and     *
* limitation may not apply to You.                 *
*                                      *
*************************************************************************
```

8. Litigation

Any litigation relating to this License may be brought only in the
courts of a jurisdiction where the defendant maintains its principal
place of business and such litigation shall be governed by laws of that
jurisdiction, without reference to its conflict-of-law provisions.
Nothing in this Section shall prevent a party's ability to bring
cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject
matter hereof. If any provision of this License is held to be
unenforceable, such provision shall be reformed only to the extent
necessary to make it enforceable. Any law or regulation
 which provides
that the language of a contract shall be construed against the drafter
shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license
 steward (except to note that
such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

 This Source Code Form is subject to the terms of the Mozilla Public
 License, v. 2.0. If a copy of the MPL was not distributed with this
 file, You can obtain one at http://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely to look
for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary
 Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as
 defined by the Mozilla Public License, v. 2.0.
Apache HttpComponents Client
Copyright 1999-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

1.78 quartz-job-scheduler 2.3.2

1.78.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* All content copyright Terracotta, Inc., unless otherwise indicated. All rights reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"); you may not
* use this file except in compliance with the License. You may obtain a copy
* of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*/

Found in path(s):
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/ee/jmx/jboss/JBoss4RMIRemoteMBeanScheduler.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/TablePrefixAware.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/AttributeRestoringConnectionInvocationHandler.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/listeners/JobListenerSupport.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/listeners/SchedulerListenerSupport.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/StringKeyDirtyFlagMap.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/plugins/SchedulerPluginWithUserTransactionSupport.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/listeners/TriggerListenerSupport.java

No license file was found, but licenses were detected in source scan.

```
/*
* All content copyright Terracotta, Inc., unless otherwise indicated. All rights reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*     http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/SimplePropertiesTriggerPersistenceDelegateSupport.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/utils/ClassUtils.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/SchedulerDetailsSetter.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/SimpleTriggerPersistenceDelegate.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/CalendarIntervalTriggerPersistenceDelegate.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/CronTriggerPersistenceDelegate.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/SimplePropertiesTriggerProperties.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/TriggerPersistenceDelegate.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/DefaultThreadExecutor.java

No license file was found, but licenses were detected in source scan.

```
/*
* All content copyright Terracotta, Inc., unless otherwise indicated. All rights reserved. Licensed under the Apache
* License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may
obtain
* a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or
agreed to in
* writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
OR CONDITIONS
```

Found in path(s):
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/DefaultClusteredJobStore.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/collections/SerializedToolkitStore.java
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/core/QuartzSchedulerThread.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/core/JobRunShell.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/spi/JobStore.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/calendar/WeeklyCalendar.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/calendar/MonthlyCalendar.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/utils/DirtyFlagMap.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/ee/servlet/QuartzInitializerListener.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/calendar/BaseCalendar.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/DirectSchedulerFactory.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/PoolingConnectionProvider.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/ee/servlet/QuartzInitializerServlet.java

*

 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/impl/StdSchedulerFactory.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/spi/ThreadPool.java

No license file was found, but licenses were detected in source scan.

/*

* All content copyright Terracotta, Inc., unless otherwise indicated. All rights reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License"); you may not

* use this file except in compliance with the License. You may obtain a copy

* of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

* License for the specific language governing permissions and limitations

* under the License.

*

*/

Found in path(s):

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/impl/matchers/OrMatcher.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/JobDetail.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/SimpleScheduleBuilder.java

*

 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/SimpleTrigger.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/DisallowConcurrentExecution.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/PersistJobDataAfterExecution.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/DateBuilder.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/impl/matchers/KeyMatcher.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/impl/triggers/CoreTrigger.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/impl/matchers/AndMatcher.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/CalendarIntervalTrigger.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/TimeOfDay.java

*

/opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/JobBuilder.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/ExecuteInJTATransaction.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/Matcher.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/matchers/GroupMatcher.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/matchers/NameMatcher.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/DailyTimeIntervalScheduleBuilder.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/TriggerBuilder.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/JobExecutionException.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/matchers/NotMatcher.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/matchers/StringMatcher.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/CronTrigger.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/matchers/EverythingMatcher.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/CronScheduleBuilder.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/ListenerManager.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/CronExpression.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/JobExecutionContext.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/ScheduleBuilder.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/DailyTimeIntervalTrigger.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/TriggerKey.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/spi/MutableTrigger.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/SchedulerConfigException.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/CalendarIntervalScheduleBuilder.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/triggers/CalendarIntervalTriggerImpl.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/jdbcjobstore/DailyTimeIntervalTriggerPersistenceDelegate.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/JobKey.java
No license file was found, but licenses were detected in source scan.

/*
* All content copyright Terracotta, Inc., unless otherwise indicated. All rights reserved.
*/

Found in path(s):
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/terracotta/quartz/collections/SerializationHelper.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/terracotta/quartz/collections/TimeTrigger.java

No license file was found, but licenses were detected in source scan.

/*

* All content copyright Terracotta, Inc., unless otherwise indicated. All rights reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License"); you may not

* use this file except in compliance with the License. You may obtain a copy

* of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

* License for the specific language governing permissions and limitations

* under the License.

*

*/

Found in path(s):

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/impl/jdbcjobstore/PointbaseDelegate.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/Job.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/simpl/SimpleClassLoadHelper.java

*

 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/impl/jdbcjobstore/CUBRIDDelegate.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/xml/ValidationException.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/impl/jdbcjobstore/MSSQLDelegate.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/impl/triggers/CronTriggerImpl.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/ee/jta/JTAAnnotationAwareJobRunShellFactory.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/spi/JobFactory.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/core/QuartzSchedulerResources.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/impl/jdbcjobstore/TriggerStatus.java

*

 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/utils/weblogic/WeblogicConnectionProvider.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/impl/SchedulerRepository.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/helpers/VersionPrinter.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/triggers/DailyTimeIntervalTriggerImpl.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/core/SchedulerSignalerImpl.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/utils/ConnectionProvider.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/jdbcjobstore/StdJDBCDelegate.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/StdScheduler.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/JobDetailImpl.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/spi/SchedulerSignaler.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/core/RemotableQuartzScheduler.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/QuartzServer.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/jdbcjobstore/SimpleSemaphore.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/SchedulerContext.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/simpl/ZeroSizeThreadPool.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/utils/PropertiesParser.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/simpl/CascadingClassLoadHelper.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/jdbcjobstore/JobStoreCMT.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/jdbcjobstore/Util.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/ObjectAlreadyExistsException.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/simpl/ThreadContextClassLoadHelper.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/jdbcjobstore/JobStoreSupport.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/SchedulerFactory.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/jdbcjobstore/SybaseDelegate.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/jdbcjobstore/JTANonClusteredSemaphore.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/TriggerListener.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/StatefulJob.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/simpl/RAMJobStore.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/impl/jdbcjobstore/HSQLDBDelegate.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/utils/HikariCpPoolingConnectionProvider.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/PostgreSQLDelegate.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/NoSuchDelegateException.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/LockException.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/CacheDelegate.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/oracle/OracleDelegate.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/SchedulerStateRecord.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/TriggerUtils.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/plugins/management/ShutdownHookPlugin.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/DB2v6Delegate.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/JobListener.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/xml/XMLSchedulingDataProcessor.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/ee/jta/JTAJobRunShell.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/ee/jta/JTAJobRunShellFactory.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/spi/TriggerFiredBundle.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/StdJobRunShellFactory.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/ee/jmx/jboss/QuartzServiceMBean.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/utils/Key.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/WebLogicDelegate.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/plugins/history/LoggingJobHistoryPlugin.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/Scheduler.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/simpl/PropertySettingJobFactory.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/triggers/AbstractTrigger.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/Calendar.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/JobStoreTX.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/simpl/HostnameInstanceIdGenerator.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/StdRowLockSemaphore.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/core/JobRunShellFactory.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/plugins/history/LoggingTriggerHistoryPlugin.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/RemoteMBeanScheduler.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/Constants.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/InvalidConfigurationException.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/DriverDelegate.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/SchedulerException.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/spi/TimeBroker.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/simpl/SimpleJobFactory.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/DBSemaphore.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/ee/jmx/jboss/QuartzService.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/calendar/HolidayCalendar.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/DB2v8Delegate.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/simpl/SimpleThreadPool.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/simpl/SimpleTimeBroker.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/simpl/InitThreadContextClassLoadHelper.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/simpl/LoadingLoaderClassLoadHelper.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/JobPersistenceException.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/InterruptableJob.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/FiredTriggerRecord.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/ee/jta/UserTransactionHelper.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/simpl/SimpleInstanceIdGenerator.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/triggers/SimpleTriggerImpl.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/calendar/AnnualCalendar.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/core/QuartzScheduler.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/RemoteScheduler.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/DBConnectionManager.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/JNDIConnectionProvider.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/SchedulerMetaData.java

*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/spi/SchedulerPlugin.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/StdJDBCConstants.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/Trigger.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/DB2v7Delegate.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/spi/ClassLoadHelper.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/UnableToInterruptJobException.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/SchedulerListener.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/JobDataMap.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/oracle/weblogic/WebLogicOracleDelegate.java

*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/plugins/xml/XMLSchedulingDataProcessorPlugin.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/spi/InstanceIdGenerator.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/C3p0PoolingConnectionProvider.java

* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/JobExecutionContextImpl.java

No license file was found, but licenses were detected in source scan.

/**
 * Copyright Terracotta, Inc.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *   http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and

```
*  limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/management/ManagementServer.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/management/ManagementRESTServiceConfiguration.java
No license file was found, but licenses were detected in source scan.

```
/*
* All content copyright Terracotta, Inc., unless otherwise indicated. All rights reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"); you may not
* use this file except in compliance with the License. You may obtain a copy
* of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/listeners/BroadcastTriggerListener.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/UpdateLockRowSemaphore.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/listeners/JobChainingJobListener.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/listeners/BroadcastJobListener.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/plugins/interrupt/JobInterruptMonitorPlugin.java
No license file was found, but licenses were detected in source scan.

```
/*
* All content copyright Terracotta, Inc., unless otherwise indicated. All rights reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"); you may not
* use this file except in compliance with the License. You may obtain a copy
* of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
```

```
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*
*/
```

Found in path(s):
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/collections/ToolkitDSHolder.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/TerracottaJobStore.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/AbstractTerracottaJobStore.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/TerracottaToolkitBuilder.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/wrappers/JobFacade.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/wrappers/TriggerFacade.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/PlainTerracottaJobStore.java
No license file was found, but licenses were detected in source scan.

```
/*
* All content copyright Terracotta, Inc., unless otherwise indicated. All rights reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"); you may not
* use this file except in compliance with the License. You may obtain a copy
* of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*
*/
```

Found in path(s):
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/wrappers/TriggerWrapper.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-

jar/org/quartz/commonj/WorkManagerThreadExecutor.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/FindbugsSuppressWarnings.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/wrappers/FiredTrigger.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/wrappers/DefaultWrapperFactory.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/wrappers/JobWrapper.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/collections/TimeTriggerSet.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/wrappers/WrapperFactory.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/ClusteredJobStore.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/terracotta/quartz/TerracottaJobStoreExtensions.java
No license file was found, but licenses were detected in source scan.

/*
* All content copyright Terracotta, Inc., unless otherwise indicated. All rights reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"); you may not
* use this file except in compliance with the License. You may obtain a copy
* of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*
*/

Found in path(s):
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/impl/jdbcjobstore/Semaphore.java
No license file was found, but licenses were detected in source scan.

/**
* All content copyright Terracotta, Inc., unless otherwise indicated. All rights reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at

```
 *
 *      http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

Found in path(s):
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/CircularLossyQueue.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-jar/org/quartz/utils/counter/Counter.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/counter/sampled/SampledCounterConfig.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/counter/CounterConfig.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/counter/sampled/SampledRateCounterImpl.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/counter/sampled/SampledRateCounterConfig.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/counter/CounterImpl.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/counter/sampled/SampledCounterImpl.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/counter/sampled/TimeStampedCounterValue.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/counter/sampled/SampledRateCounter.java
*
 /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/counter/CounterManagerImpl.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/counter/CounterManager.java
* /opt/cola/permits/1112432772_1615201079.25/0/quartz-2-3-2-sources-1-
jar/org/quartz/utils/counter/sampled/SampledCounter.java

1.79 hikaricp 2.4.13

1.79.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
 * Copyright (C) 2013,2014 Brett Wooldridge
 *
```

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

* http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/HikariJNDIFactory.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/pool/HikariPool.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/metrics/dropwizard/CodaHaleMetricsTracker.java

*

 /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/metrics/dropwizard/CodahaleMetricsTrackerFactory.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/metrics/MetricsTrackerFactory.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/metrics/MetricsTracker.java

No license file was found, but licenses were detected in source scan.

/*

* Copyright (C) 2013 Brett Wooldridge

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

* http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/HikariPoolMXBean.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/hibernate/HikariConfigurationUtil.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/util/PropertyElf.java

*
 /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/util/UtilityElf.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/pool/ProxyPreparedStatement.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/HikariConfigMXBean.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/hibernate/HikariConnectionProvider.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/pool/ProxyStatement.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/HikariDataSource.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/pool/ProxyCallableStatement.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2013, 2014 Brett Wooldridge
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/util/ConcurrentBag.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/pool/ProxyFactory.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/pool/ProxyConnection.java

*
 /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/util/DriverDataSource.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-

jar/com/zaxxer/hikari/pool/ProxyLeakTask.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/util/SuspendResumeLock.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/HikariConfig.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/util/FastList.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/pool/ProxyResultSet.java

* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/util/JavassistProxyFactory.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2013, 2014 Brett Wooldridge
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/metrics/prometheus/HikariCPCollector.java
* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/metrics/prometheus/PrometheusMetricsTracker.java
* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/metrics/prometheus/PrometheusMetricsTrackerFactory.java
*
 /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-
jar/com/zaxxer/hikari/pool/PoolBase.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2015 Brett Wooldridge
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*

* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/util/ClockSource.java
* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/metrics/PoolStats.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2014 Brett Wooldridge
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/metrics/dropwizard/CodahaleHealthChecker.java
* /opt/cola/permits/1112432488_1614930977.6/0/hikaricp-java7-2-4-13-sources-2-jar/com/zaxxer/hikari/pool/PoolEntry.java

1.80 jackson-jaxrs 2.10.5

1.80.1 Available under license :

This copy of Jackson JSON processor databind module is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0
Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
commercially by FasterXML.com.

Licensing

Jackson core and extension components may be licensed under different licenses.
To find the details that apply to this artifact see the accompanying LICENSE file.
For more information, including possible other licensing options, contact
FasterXML.com (http://fasterxml.com).

Credits

A list of contributors may be found from CREDITS file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.

1.81 javassist 3_26_0_ga

1.81.1 Available under license :

GNU LESSER GENERAL PUBLIC LICENSE
        Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

      Preamble

 The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

 This license, the Lesser General Public License, applies to some
specially

designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

 When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.

 To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights
 or to ask you to surrender these
rights. These restrictions translate to certain responsibilities for
you if you distribute copies of the library or if you modify it.

 For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

 We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
permission to copy, distribute and/or modify the library.

 To protect each distributor,
 we want to make it very clear that
there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original
author's reputation will not be affected by problems that might be
introduced by others.

 Finally, software patents pose a constant threat to the existence of
any free program. We wish to make sure that a company cannot
effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the

ordinary GNU General Public License. This license, the GNU Lesser General
 Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.

 When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking only if the
entire combination fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.

 We call this license the "Lesser" General Public License because it
does Less to protect the user's freedom than the ordinary General
Public License. It also provides other free software developers Less
of
 an advantage over competing non-free programs. These disadvantages
are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain
special circumstances.

 For example, on rare occasions, there may be a special need to
encourage the widest possible use of a certain library, so that it becomes
a de-facto standard. To achieve this, non-free programs must be
allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this
case, there is little to gain by limiting the free library to free
software only, so we use the Lesser General Public License.

 In other cases, permission to use a particular library in non-free
programs enables a greater number of people to use a large body of
free software. For example, permission to use
 the GNU C Library in
non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating
system.

 Although the Lesser General Public License is Less protective of the
users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
that program using a modified version of the Library.

 The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The

former contains code derived from the library, whereas the latter must
be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other
program which contains a notice placed by the copyright holder or
other authorized party saying it may be distributed under the terms of
this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated
straightforwardly into another language.
  (Hereinafter, translation is
included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation
and installation of the library.

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running a program using the Library is not restricted, and output from
such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's
complete source code as you receive it, in any medium, provided that
you conspicuously and appropriately publish on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact
all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the
Library.

You may charge a fee for the physical act of transferring a copy,

and you may at your option offer warranty protection in exchange for a fee.

 2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

  a) The modified work must itself be a
 software library.

  b) You must cause the files modified to carry prominent notices
  stating that you changed the files and the date of any change.

  c) You must cause the whole of the work to be licensed at no
  charge to all third parties under the terms of this License.

  d) If a facility in the modified Library refers to a function or a
  table of data to be supplied by an application program that uses
  the facility, other than as an argument passed when the facility
  is invoked, then you must make a good faith effort to ensure that,
  in the event an application does not supply such function or
  table, the facility still operates, and performs whatever part of
  its purpose remains meaningful.

  (For example, a function in a library to compute square roots has
  a purpose that is entirely well-defined independent
 of the
  application. Therefore, Subsection 2d requires that any
  application-supplied function or table used by this function must
  be optional: if the application does not supply it, the square
  root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section

6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work
is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the

copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

  a) Accompany the work with the complete corresponding
  machine-readable source code for the Library including whatever
  changes were used in the work (which must be distributed under
  Sections 1 and 2 above); and, if the work is an executable linked
  with the Library, with the complete machine-readable "work that
  uses the Library", as object code and/or source code, so that the
  user can modify the Library and then relink to produce a modified
  executable containing the modified Library. (It is understood
  that the user who changes the contents of definitions files in the
  Library will not necessarily be able to recompile the application

to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified
materials from the same place.

e) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

 For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

 It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them
 and the Library together in an executable that you
distribute.

 7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

 a) Accompany the combined library with a copy of the same work

based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.

   b) Give prominent notice with the combined library of the fact
   that part of it is a work based on the Library, and explaining
   where to find the accompanying uncombined form of the same
work.

 8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.

 9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and

all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

 10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties with
this License.

 11. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If
 you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply,
and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose
 of protecting the
integrity of the free software distribution system which is
implemented by public license practices. Many people have made
generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that
system; it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot
impose that choice.

This section is intended to make thoroughly clear what is believed to
be a consequence of the rest of this License.

 12. If the distribution and/or use of the Library is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Library under this License may add
an explicit geographical distribution limitation excluding those countries,
so that distribution is
 permitted only in or among countries not thus
excluded. In such case, this License incorporates the limitation as if
written in the body of this License.

 13. The Free Software Foundation may publish revised and/or new
versions of the Lesser General Public License from time to time.
Such new versions will be similar in spirit to the present version,
but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library
specifies a version number of this License which applies to it and
"any later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Library does not specify a
license version number, you may choose any version ever published by
the Free Software Foundation.

 14.
 If you wish to incorporate parts of the Library into other free
programs whose distribution conditions are incompatible with these,
write to the author to ask for permission. For software which is
copyrighted by the Free Software Foundation, write to the Free
Software Foundation; we sometimes make exceptions for this. Our

decision will be guided by the two goals of preserving the free status
of all derivatives of our free software and of promoting the sharing
and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

    <one line to give the library's name and a brief idea of what it does.>
    Copyright (C) <year> <name of author>

    This library is free software;

you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school,
 if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

 Yoyodyne, Inc., hereby disclaims all copyright interest in the
 library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

 <signature of Ty Coon>, 1 April 1990
 Ty Coon, President of Vice

That's all there is to it!

/*
* Javassist, a Java-bytecode translator toolkit.
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.
*
* The contents of this file are subject to the Mozilla Public License Version
* 1.1 (the "License"); you may not use this file except in compliance with
* the License. Alternatively, the contents of this file may be used under

* the terms of the GNU Lesser General Public License Version 2.1 or later,

* or the Apache License Version 2.0.

*

* Software distributed under the License is distributed on an "AS IS" basis,

* WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License

* for the specific language governing rights and limitations under the

* License.

*/

1.82 netty-reactive-streams-http-support 2.0.5

1.82.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Bundle-Description: Reactive streams implementation for Netty.

Automatic-Module-Name: com.typesafe.netty.http

Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt

Bundle-SymbolicName: com.typesafe.netty.reactive-streams-http

Built-By: marcospereira

Bnd-LastModified: 1602622977569

Bundle-ManifestVersion: 2

Bundle-DocURL: http://typesafe.com/

Bundle-Vendor: Typesafe

Import-Package: com.typesafe.netty;version="[2.0,3)",io.netty.buffer;v
ersion="[4.1,5)",io.netty.channel;version="[4.1,5)",io.netty.handler.
codec;version="[4.1,5)",io.netty.handler.codec.http;version="[4.1,5)"
,io.netty.handler.codec.http.websocketx;version="[4.1,5)",io.netty.ut
il;version="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",org.r
eactivestreams;version="[1.0,2)"

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"

Tool: Bnd-3.5.0.201709291849

Export-Package: com.typesafe.netty.http;uses:="io.netty.channel,io.net
 ty.handler.codec.http,io.netty.handler.codec.http.websocketx,org.reac
tivestreams";version="2.0.5"

Bundle-Name: Netty Reactive Streams HTTP support

Bundle-Version: 2.0.5

Created-By: Apache Maven Bundle Plugin

Build-Jdk: 1.8.0_181

Found in path(s):

* /opt/cola/permits/1128619532_1649176822.43/0/netty-reactive-streams-http-2-0-5-jar/META-
INF/MANIFEST.MF

1.83 netty-reactive-streams-implementation 2.0.5

1.83.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Bundle-Description: Reactive streams implementation for Netty.

Automatic-Module-Name: com.typesafe.netty.core

Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt

Bundle-SymbolicName: com.typesafe.netty.reactive-streams

Built-By: marcospereira

Bnd-LastModified: 1602622953847

Bundle-ManifestVersion: 2

Bundle-DocURL: http://typesafe.com/

Bundle-Vendor: Typesafe

Import-Package: io.netty.channel;version="[4.1,5)",io.netty.util;versi
on="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",io.netty.util
.internal;version="[4.1,5)",org.reactivestreams;version="[1.0,2)"

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"

Tool: Bnd-3.5.0.201709291849

Export-Package: com.typesafe.netty;uses:="io.netty.channel,io.netty.ut
il.concurrent,org.reactivestreams";version="2.0.5"

Bundle-Name: Netty Reactive Streams Implementation

Bundle-Version: 2.0.5

Created-By:
 Apache Maven Bundle Plugin

Build-Jdk: 1.8.0_181

Found in path(s):

* /opt/cola/permits/1128619582_1649176967.68/0/netty-reactive-streams-2-0-5-jar/META-INF/MANIFEST.MF

1.84 j2objc-annotations 1.1

1.84.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2012 Google Inc. All Rights Reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

* http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1130988593_1612871608.58/0/j2objc-annotations-1-1-sources-4-
jar/com/google/j2objc/annotations/Weak.java
* /opt/cola/permits/1130988593_1612871608.58/0/j2objc-annotations-1-1-sources-4-
jar/com/google/j2objc/annotations/AutoreleasePool.java
* /opt/cola/permits/1130988593_1612871608.58/0/j2objc-annotations-1-1-sources-4-
jar/com/google/j2objc/annotations/WeakOuter.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1130988593_1612871608.58/0/j2objc-annotations-1-1-sources-4-
jar/com/google/j2objc/annotations/ObjectiveCName.java
* /opt/cola/permits/1130988593_1612871608.58/0/j2objc-annotations-1-1-sources-4-
jar/com/google/j2objc/annotations/RetainedLocalRef.java
* /opt/cola/permits/1130988593_1612871608.58/0/j2objc-annotations-1-1-sources-4-
jar/com/google/j2objc/annotations/Property.java
*
 /opt/cola/permits/1130988593_1612871608.58/0/j2objc-annotations-1-1-sources-4-
jar/com/google/j2objc/annotations/LoopTranslation.java
* /opt/cola/permits/1130988593_1612871608.58/0/j2objc-annotations-1-1-sources-4-
jar/com/google/j2objc/annotations/ReflectionSupport.java
* /opt/cola/permits/1130988593_1612871608.58/0/j2objc-annotations-1-1-sources-4-
jar/com/google/j2objc/annotations/RetainedWith.java
* /opt/cola/permits/1130988593_1612871608.58/0/j2objc-annotations-1-1-sources-4-
jar/com/google/j2objc/annotations/J2ObjCIncompatible.java

1.85 jakarta-annotations-api 1.3.5

1.85.1 Available under license :

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

  a) in the case of the initial Contributor, the initial content
     Distributed under this Agreement, and

  b) in the case of each subsequent Contributor:
     i) changes to the Program, and
     ii) additions to the Program;
  where such changes and/or additions to the Program originate from
  and are Distributed by that particular Contributor. A Contribution
  "originates" from a Contributor if it was added to the Program by
  such Contributor itself or anyone acting on such Contributor's behalf.
  Contributions do not include changes or additions to the Program that
  are not Modified Works.

  "Contributor" means any person or
 entity that Distributes the Program.

  "Licensed Patents" mean patent claims licensable by a Contributor which
  are necessarily infringed by the use or sale of its Contribution alone
  or when combined with the Program.

  "Program" means the Contributions Distributed in accordance with this
  Agreement.

  "Recipient" means anyone who receives the Program under this Agreement
  or any Secondary License (as applicable), including Contributors.

  "Derivative Works" shall mean any work, whether in Source Code or other
  form, that is based on (or derived from) the Program and for which the
  editorial revisions, annotations, elaborations, or other modifications
  represent, as a whole, an original work of authorship.

  "Modified Works" shall mean any work in Source Code or other form that
  results from an addition to, deletion from, or modification of the

contents of the Program, including, for purposes of clarity any new file
in Source Code form that
contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free
copyright
license to reproduce, prepare Derivative Works of, publicly display,
publicly perform, Distribute and sublicense the Contribution of such
Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free patent
license under Licensed Patents to make, use, sell, offer to sell,
import and otherwise transfer the Contribution of such Contributor,
if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at
the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution. No hardware per se is
licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual

property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its knowledge it has
sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor may Distribute the Program under a license
different than this Agreement, provided that such license:
   i) effectively disclaims on behalf of all other Contributors all
   warranties and conditions, express and implied, including
   warranties or conditions of title and non-infringement, and
   implied warranties or conditions of merchantability and fitness
   for a particular purpose;

   ii) effectively excludes on behalf of all other Contributors all
   liability for damages, including direct, indirect, special,
   incidental and consequential damages, such as lost profits;

   iii) does not attempt to limit or alter the recipients' rights
   in the Source Code under section 3.2; and

   iv) requires any subsequent distribution of the Program by any
   party to be under a license that satisfies the requirements
   of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material
in a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing
of such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial

Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN
THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other

software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel
or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A
is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular

file, then You may include the notice in a location (such as a LICENSE

file in a relevant directory) where a recipient would be likely

to

look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to

share and change it. By contrast, the GNU General Public License is

intended to guarantee your freedom to share and change free software--to

make sure the software is free for all its users. This General Public

License applies to most of the Free Software Foundation's software and

to any other program whose authors commit to using it. (Some other Free

Software Foundation software is covered by the GNU Library General

Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.

Our General Public Licenses are designed to make sure that you have the

freedom to distribute copies of free software (and charge for this

service if you wish), that you receive source code or can get it if you

want it, that you can change the software or use pieces of it in new

free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone

to deny you these rights or to ask you to surrender the rights. These

restrictions translate to certain responsibilities for you if you

distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis

or for a fee, you must give the recipients all the rights that you have.

You must make sure that they, too, receive or can get the source code.

And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed
at all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted,
and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to

this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications
or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how
to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost

of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will

automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all
its terms and conditions for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that

system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted
in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free
Software Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH

YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

    One line to give the program's name and a brief idea of what it does.
    Copyright (C) <year> <name of author>

    This program is free software; you can redistribute it and/or modify
    it under the terms of the GNU General Public License as published by
    the Free Software Foundation; either version 2 of the License, or
    (at your option) any later version.

This program is distributed in the hope that it will be useful, but
    WITHOUT ANY WARRANTY; without even the implied warranty of
    MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
    General Public License for more details.

    You should have received a copy of the GNU General Public License
    along with this program; if not, write to the Free Software
    Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

when it starts in an interactive mode:

    Gnomovision version 69, Copyright (C) year name of author
    Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
    `show w'. This is free software, and you are welcome to redistribute
    it under certain conditions; type `show c' for details.

  The hypothetical commands `show
w' and `show c' should show the
  appropriate parts of the General Public License. Of course, the commands
  you use may be called something other than `show w' and `show c'; they
  could even be mouse-clicks or menu items--whatever suits your program.

  You should also get your employer (if you work as a programmer) or your
  school, if any, to sign a "copyright disclaimer" for the program, if
  necessary. Here is a sample; alter the names:

    Yoyodyne, Inc., hereby disclaims all copyright interest in the
    program `Gnomovision' (which makes passes at compilers) written by
    James Hacker.

    signature of Ty Coon, 1 April 1989
    Ty Coon, President of Vice

  This General Public License does not permit incorporating your program
  into proprietary programs. If your program is a subroutine library, you
  may consider it more useful to permit linking proprietary applications
  with the library. If this is what you want to do, use the GNU
Library
  General Public License instead of this License.

CLASSPATH EXCEPTION

  Linking this library statically or dynamically with other modules is
  making a combined work based on this library. Thus, the terms and
  conditions of the GNU General Public License version 2 cover the whole
  combination.

  As a special exception, the copyright holders of this library give you
  permission to link this library with independent modules to produce an
  executable, regardless of the license terms of these independent
  modules, and to copy and distribute the resulting executable under
  terms of your choice, provided that you also meet, for each linked
  independent module, the terms and conditions of the license of that
  module. An independent module is a module which is not derived from or
  based on this library. If you modify this library, you may extend this

exception to your version of the library, but you are not obligated to
  do so. If
 you do not wish to do so, delete this exception statement
   from your version.
[subs="normal"]
....
Specification: {doctitle}

Version: {revnumber}

ifeval::["{revremark}" != ""]
Status: {revremark}
endif::[]
ifeval::["{revremark}" == ""]
Status: Final Release
endif::[]

Release: {revdate}
....
Copyright (c) 2019 Eclipse Foundation.

=== Eclipse Foundation Specification License

By using and/or copying this document, or the Eclipse Foundation
document from which this statement is linked, you (the licensee) agree
that you have read, understood, and will comply with the following
terms and conditions:

Permission to copy, and distribute the contents of this document, or
the Eclipse Foundation document from which this statement is linked, in
any medium for any purpose and without fee or royalty is hereby
granted, provided that you include the following on ALL copies of the
document, or portions thereof, that you use:

* link or URL to the original Eclipse Foundation document.
* All existing copyright notices, or if one does not exist, a notice
 (hypertext is preferred,
 but a textual representation is permitted)
 of the form: "Copyright (c) [$date-of-document]
 Eclipse Foundation, Inc. <<url to this license>>"

Inclusion of the full text of this NOTICE must be provided. We
request that authorship attribution be provided in any software,
documents, or other items or products that you create pursuant to the
implementation of the contents of this document, or any portion
thereof.

No right to create modifications or derivatives of Eclipse Foundation

documents is granted pursuant to this license, except anyone may
prepare and distribute derivative works and portions of this document
in software that implements the specification, in supporting materials
accompanying such software, and in documentation of such software,
PROVIDED that all such works include the notice below. HOWEVER, the
publication of derivative works of this document for use as a technical
specification is expressly prohibited.

The notice is:

"Copyright (c) 2018 Eclipse Foundation.
 This software or
document includes material copied from or derived from [title and URI
of the Eclipse Foundation specification document]."

==== Disclaimers

THIS DOCUMENT IS PROVIDED "AS IS," AND THE COPYRIGHT
HOLDERS AND THE ECLIPSE FOUNDATION MAKE NO REPRESENTATIONS OR
WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO,
WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE,
NON-INFRINGEMENT, OR TITLE; THAT THE CONTENTS OF THE DOCUMENT ARE
SUITABLE FOR ANY PURPOSE; NOR THAT THE IMPLEMENTATION OF SUCH CONTENTS
WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR
OTHER RIGHTS.

THE COPYRIGHT HOLDERS AND THE ECLIPSE FOUNDATION WILL NOT BE LIABLE
FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT
OF ANY USE OF THE DOCUMENT OR THE PERFORMANCE OR IMPLEMENTATION OF THE
CONTENTS THEREOF.

The name and trademarks of the copyright holders or the Eclipse
Foundation may NOT be used in advertising or publicity pertaining to
this
 document or its contents without specific, written prior
permission. Title to copyright in this document will at all times
remain with copyright holders.
Notices for Jakarta Annotations

This content is produced and maintained by the Jakarta Annotations project.

* Project home: https://projects.eclipse.org/projects/ee4j.ca

Trademarks

Jakarta Annotations is a trademark of the Eclipse Foundation.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/common-annotations-api

##
 Third-party Content

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

1.86 javax-inject1-as-osgi-bundle 2.6.1
1.86.1 Available under license :

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content
   Distributed under this Agreement, and

b) in the case of each subsequent Contributor:
   i) changes to the Program, and

ii) additions to the Program;
where such changes and/or additions to the Program originate from
and are Distributed by that particular Contributor. A Contribution
"originates" from a Contributor if it was added to the Program by
such Contributor itself or anyone acting on such Contributor's behalf.
Contributions do not include changes or additions to the Program that
are not Modified Works.

"Contributor"
means any person or entity that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which
are necessarily infringed by the use or sale of its Contribution alone
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity
any new file
in Source Code form that contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free copyright
license to reproduce, prepare Derivative Works of, publicly display,
publicly perform, Distribute and sublicense the Contribution of such
Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free patent
license under Licensed Patents to make, use, sell, offer to sell,
import and otherwise transfer the Contribution of such Contributor,
if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at
the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution.
No hardware per se is
licensed hereunder.

c) Recipient understands that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its
knowledge it has
sufficient copyright rights in its Contribution, if any, to grant
the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor
may Distribute the Program under a license
different than this Agreement, provided that such license:
   i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

   ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

   iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

   iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed
as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end
users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or
alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court
requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,

including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT
AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the

responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions)
under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A
is not sufficient to license
the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely to
look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is
free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you
if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program
is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and

modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated
into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted, and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy
of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

  a) You must cause the modified files to carry prominent notices
  stating that you changed the files and the date of any change.

  b) You must cause any work that you distribute or publish, that in
  whole or in part contains or is derived from the Program or any part
  thereof, to be licensed as a whole at no charge to all third parties
  under the terms of this License.

  c) If the modified program normally reads commands interactively
  when run, you must

cause it, when started running for such
   interactive use in the most ordinary way, to print or display an
   announcement including an appropriate copyright notice and a notice
   that there is no warranty (or else, saying that you provide a
   warranty) and that users may redistribute the program under these
   conditions, and telling the user how to view a copy of this License.
   (Exception: if the Program itself is interactive but does not
   normally print such an announcement, your work based on the Program
   is not required to print an announcement.)

  These requirements apply to the modified work as a whole. If
  identifiable sections of that work are not derived from the Program, and
  can be reasonably considered independent and separate works in
  themselves, then this License, and its terms, do not apply to those
  sections when you distribute them as separate works. But when you
  distribute the same
sections as part of a whole which is a work based on
  the Program, the distribution of the whole must be on the terms of this
  License, whose permissions for other licensees extend to the entire
  whole, and thus to each and every part regardless of who wrote it.

  Thus, it is not the intent of this section to claim rights or contest
  your rights to work written entirely by you; rather, the intent is to
  exercise the right to control the distribution of derivative or
  collective works based on the Program.

  In addition, mere aggregation of another work not based on the Program
  with the Program (or with a work based on the Program) on a volume of a
  storage or distribution medium does not bring the other work under the
  scope of this License.

  3. You may copy and distribute the Program (or a work based on it,
  under Section 2) in object code or executable form under the terms of
  Sections 1 and 2 above provided that you also do
one of the following:

    a) Accompany it with the complete corresponding machine-readable
    source code, which must be distributed under the terms of Sections 1
    and 2 above on a medium customarily used for software interchange; or,

    b) Accompany it with a written offer, valid for at least three
    years, to give any third party, for a charge no more than your cost
    of physically performing source distribution, a complete
    machine-readable copy of the corresponding source code, to be
    distributed under the terms of Sections 1 and 2 above on a medium
    customarily used for software interchange; or,

    c) Accompany it with the information you received as to the offer to

distribute corresponding source code. (This alternative is allowed
only for noncommercial distribution and only if you received the
program in object code or executable form with such an offer, in
accord with
Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled
to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all
its terms and conditions
for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent
obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
 contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
 versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any

later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes
make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER
PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively

convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation,
Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program,
if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of
this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If you do not wish to do so, delete this exception statement
from your version.

Notices for Eclipse GlassFish

This content is produced and maintained by the Eclipse GlassFish project.

* Project home: https://projects.eclipse.org/projects/ee4j.glassfish

Trademarks

Eclipse GlassFish, and GlassFish are trademarks of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at

http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/glassfish-ha-api
* https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor
* https://github.com/eclipse-ee4j/glassfish-shoal
* https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck
* https://github.com/eclipse-ee4j/glassfish-jsftemplating
* https://github.com/eclipse-ee4j/glassfish-hk2-extra
* https://github.com/eclipse-ee4j/glassfish-hk2
* https://github.com/eclipse-ee4j/glassfish-fighterfish

Third-party Content

This project leverages the following third party content.

None

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and
 policies concerning the import,
possession, or use, and re-export of encryption software, to see if this is permitted.

1.87 guava 25.0

1.87.1 Available under license :

Doug Lea

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding
those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the

content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

1.88 aws-event-stream 1.0.1

1.88.1 Available under license :

MIT License

Copyright (c) 2018 Lifion, by ADP

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION
 WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.

1.89 apache-commons-text 1.9

1.89.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain

separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without

modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding

those notices that do not

    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

    You may add Your own copyright statement to Your modifications and
    may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
    for any such Derivative Works as a whole, provided Your use,
    reproduction, and distribution of the Work otherwise complies with
    the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include

the brackets!) The text should be enclosed in the appropriate

comment syntax for the file format. We also recommend that a

file or class name and description of purpose be included on the

same "printed page" as the copyright notice for easier

identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

/*

* Licensed to the Apache Software Foundation (ASF) under one or more

* contributor license agreements. See the NOTICE file distributed with

* this work for additional information regarding copyright ownership.

* The ASF licenses this file to You under the Apache License, Version 2.0

* (the "License"); you may not use this file except in compliance with

* the License. You may obtain a copy of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Apache Commons Text

Copyright 2014-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

1.90 software-amazon-ion-ion-java 1.0.2

1.90.1 Available under license :

Amazon Ion Java

Copyright 2007-2016 Amazon.com, Inc. or its affiliates. All Rights Reserved.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this License,
each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding
those notices that do not
        pertain to any part of the Derivative Works, in at least one
        of the following places: within a NOTICE text file distributed
        as part of the Derivative Works; within the Source form or
        documentation, if provided along with the Derivative Works; or,
        within a display generated by the Derivative Works, if and
        wherever such third-party notices normally appear. The contents
        of the NOTICE file are for informational purposes only and
        do not modify the License. You may add Your own attribution
        notices within Derivative Works that You distribute, alongside
        or as an addendum to the NOTICE text from the Work, provided
        that such additional attribution notices cannot be construed
        as modifying the License.

    You may add Your own copyright statement to Your modifications and
    may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
    for any such Derivative Works as a whole, provided Your use,
    reproduction, and distribution of the Work otherwise complies with
    the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade

names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

1.91 hystrix-core 1.5.12

1.91.1 Available under license :

No license file was found, but licenses were detected in source scan.

/**

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixRequestLog.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixRequestCache.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixCommand.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/concurrency/HystrixRequestVariableDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/concurrency/HystrixContextRunnable.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/util/HystrixTimer.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/util/HystrixRollingNumber.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixPropertiesStrategy.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/eventnotifier/HystrixEventNotifier.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixCollapserProperties.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixThreadPoolProperties.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixCommandMetrics.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixCollapserKey.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/metrics/HystrixMetricsPublisherFactory.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/concurrency/HystrixContexSchedulerAction.java

* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/metrics/HystrixMetricsPublisher.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixCommandProperties.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixPropertiesFactory.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/metrics/HystrixMetricsPublisherDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixMetrics.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixPropertiesCollapserDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixObservableCommand.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/concurrency/HystrixRequestContext.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixThreadPoolMetrics.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixCollapser.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixCommandKey.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/util/HystrixRollingPercentile.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixThreadPoolKey.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixExecutable.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/concurrency/HystrixRequestVariableHolder.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixCollapserMetrics.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/concurrency/HystrixContextCallable.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/HystrixPlugins.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixCircuitBreaker.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2016 Netflix, Inc.
* <p/>
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at
* <p/>
* http://www.apache.org/licenses/LICENSE-2.0
* <p/>
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/sample/HystrixThreadPoolUtilization.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/RollingConcurrencyStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixRequestEvents.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/RollingThreadPoolMaxConcurrencyStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/sample/HystrixCommandUtilization.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/config/HystrixConfiguration.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/sample/HystrixUtilization.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/archaius/HystrixDynamicPropertiesArchaius.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/config/HystrixCollapserConfiguration.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/config/HystrixCommandConfiguration.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixDynamicProperties.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/config/HystrixThreadPoolConfiguration.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/CachedValuesHistogram.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/HystrixArchaiusHelper.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixDynamicProperty.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2016 Netflix, Inc.

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/sample/HystrixUtilizationStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixRequestEventsStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixThreadPoolStartStream.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/config/HystrixConfigurationStream.java
No license file was found, but licenses were detected in source scan.

This package is not part of the public API and can change at any time. Do not rely upon any classes in this package.

The public API is com.netflix.hystrix.HystrixCollapser

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/collapser/README.txt

No license file was found, but licenses were detected in source scan.

/**
* Copyright 2015 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixThreadEventStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixCommandExecutionStarted.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixThreadPoolCompletionStream.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixCollapserEvent.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixCommandStartStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixCommandEvent.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixCollapserEventStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixCommandCompletionStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixCommandCompletion.java

No license file was found, but licenses were detected in source scan.

/**
* Copyright 2012 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/metrics/HystrixMetricsPublisherThreadPoolDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/eventnotifier/package-info.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixPropertiesChainedArchaiusProperty.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/concurrency/HystrixRequestVariable.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/util/HystrixRollingNumberEvent.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/util/package-info.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/exception/HystrixBadRequestException.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixProperty.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixEventType.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/metrics/HystrixMetricsPublisherCommand.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/concurrency/HystrixRequestVariableLifecycle.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/package-info.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixPropertiesStrategyDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/metrics/HystrixMetricsPublisherCollapserDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/exception/HystrixRuntimeException.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/metrics/package-info.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/metrics/HystrixMetricsPublisherCommandDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/HystrixCommandGroupKey.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixPropertiesThreadPoolDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/util/ExceptionThreadingUtility.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/concurrency/package-info.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/eventnotifier/HystrixEventNotifierDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/metrics/HystrixMetricsPublisherCollapser.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/exception/package-info.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/concurrency/HystrixConcurrencyStrategyDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/package-info.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixPropertiesCommandDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/metrics/HystrixMetricsPublisherThreadPool.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixPropertiesTimerThreadPoolDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-jar/com/netflix/hystrix/package-
info.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2015 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixInvokable.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/collapser/CollapsedRequestSubject.java

* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/HystrixCounters.java

*

 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-jar/com/netflix/hystrix/Hystrix.java

* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/collapser/RequestBatch.java

* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/collapser/RequestCollapser.java

* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/collapser/RequestCollapserFactory.java

* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/collapser/CollapserTimer.java

* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/strategy/concurrency/HystrixLifecycleForwardingRequestVariable.java

* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/collapser/RealCollapserTimer.java

*

 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/collapser/HystrixCollapserBridge.java

No license file was found, but licenses were detected in source scan.

/**
* Copyright 2012 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
/*
* Written by Doug Lea with assistance from members of JCP JSR-166
* Expert Group and released to the public domain, as explained at
* http://creativecommons.org/publicdomain/zero/1.0/
*
* From http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/jsr166e/
*/

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/util/LongMaxUpdater.java

*

 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-jar/com/netflix/hystrix/util/Striped64.java

* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-jar/com/netflix/hystrix/util/LongAdder.java

No license file was found, but licenses were detected in source scan.

/**
* Copyright 2013 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-jar/com/netflix/hystrix/strategy/executionhook/package-info.java

No license file was found, but licenses were detected in source scan.

/**
* Copyright 2013 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-jar/com/netflix/hystrix/strategy/executionhook/HystrixCommandExecutionHookDefault.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/strategy/concurrency/HystrixConcurrencyStrategy.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/AbstractCommand.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/concurrency/HystrixContextScheduler.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/executionhook/HystrixCommandExecutionHook.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2015 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/exception/HystrixTimeoutException.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2012 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):

* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixThreadPool.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2015 Netflix, Inc.
* <p/>
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
* <p/>
* http://www.apache.org/licenses/LICENSE-2.0
* <p/>
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/CumulativeThreadPoolEventCounterStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/HealthCountsStream.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixEvent.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/BucketedRollingCounterStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/RollingCommandLatencyDistributionStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/RollingThreadPoolEventCounterStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/RollingCommandMaxConcurrencyStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/RollingCollapserBatchSizeDistributionStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/CumulativeCollapserEventCounterStream.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/RollingCommandEventCounterStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/HystrixEventStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/BucketedCounterStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-

jar/com/netflix/hystrix/metric/consumer/RollingDistributionStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/CumulativeCommandEventCounterStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/RollingCollapserEventCounterStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/BucketedCumulativeCounterStream.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/RollingCommandUserLatencyDistributionStream.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2014 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixInvokableInfo.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixObservableCollapser.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/HystrixObservable.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2016 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/metric/consumer/HystrixDashboardStream.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/util/PlatformSpecific.java
* /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/strategy/properties/HystrixPropertiesChainedProperty.java
*
 /opt/cola/permits/1145408230_1616177377.16/0/hystrix-core-1-5-12-sources-2-
jar/com/netflix/hystrix/ExecutionResult.java

1.92 java-libraries-for-amazon-simple-workflow 1.11.22

1.92.1 Available under license :

Apache License
Version 2.0, January 2004

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1
through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are
under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or
indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of
fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
 including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form,
including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as

indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work
 and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom
 a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s)
 with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

1. You must give any other recipients of the Work or Derivative Works a copy of this License; and
2. You must cause any modified files to carry prominent notices stating that You changed the files; and
3. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution
 notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
4. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that
 such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any
 Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims
 asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

Note: Other license terms may apply to certain, identified software files contained within or distributed with the accompanying software if such terms are included in the directory containing the accompanying software. Such

other license terms will then apply in lieu of the terms of the software license above.
AWS Simpleworkflow Flow library
Copyright 2010-2014 Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

1.93 apache-httpcomponents-core 4.4.14
1.93.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or

Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You

institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,

reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability

incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS
Apache HttpComponents Core
Copyright 2005-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

1.94 mapstruct-core 1.3.1.Final

1.94.1 Available under license :

Copyright MapStruct Authors.

MapStruct is licensed under the Apache License version 2.0, available at http://www.apache.org/licenses/LICENSE-2.0

MAPSTRUCT SUBCOMPONENTS WITH DIFFERENT COPYRIGHT OWNERS

The MapStruct distribution (ZIP, TAR.GZ) as well as the MapStruct
library (JAR) include FreeMarker, a software developed by Attila
Szegedi, Daniel Dekany and Jonathan Revusky. FreeMarker is licensed
under the same license as MapStruct itself - Apache License, Version
2.0 - but the copyright owners are the aforementioned individuals.

The MapStruct distribution (ZIP, TAR.GZ) as well as the MapStruct
library (JAR) include a number of files that are licensed by the
Apache Software Foundation under the same license as MapStruct itself -
Apache License, Version 2.0 - but the copyright owner is the Apache
Software Foundation. These files are:

    freemarker/ext/jsp/web-app_2_2.dtd
    freemarker/ext/jsp/web-app_2_3.dtd
     freemarker/ext/jsp/web-app_2_4.xsd
    freemarker/ext/jsp/web-app_2_5.xsd
    freemarker/ext/jsp/web-jsptaglibrary_1_1.dtd
    freemarker/ext/jsp/web-jsptaglibrary_1_2.dtd
    freemarker/ext/jsp/web-jsptaglibrary_2_0.xsd
    freemarker/ext/jsp/web-jsptaglibrary_2_1.xsd

1.95 jakarta-ws-rs-api 2.1.6

1.95.1 Available under license :

Notices for the Jakarta RESTful Web Services Project

This content is produced and maintained by the **Jakarta RESTful Web Services** project.

* Project home: https://projects.eclipse.org/projects/ee4j.jaxrs

Trademarks

Jakarta RESTful Web Services is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jaxrs-api

Third-party Content

This project leverages the following third party content.

javaee-api (7.0)

* License: Apache-2.0 AND W3C

JUnit (4.11)

* License: Common Public License 1.0

Mockito (2.16.0)

* Project: http://site.mockito.org
* Source: https://github.com/mockito/mockito/releases/tag/v2.16.0

Cryptography

Content may contain encryption software. The country in which you are currently
may have restrictions on the import, possession, and use, and/or re-export to
another country, of encryption software. BEFORE using any encryption software,
please check the country's laws, regulations and policies concerning the import,
possession, or use, and re-export of encryption software, to see if this is
permitted.
Eclipse Public License - v 2.0

   THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
   PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
   OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

  1. DEFINITIONS

 "Contribution" means:

  a) in the case of the initial Contributor, the initial content
     Distributed under this Agreement, and

  b) in the case of each subsequent Contributor:
     i) changes to the Program, and
     ii) additions to the Program;
  where such changes and/or additions to the Program originate from
  and are Distributed by that particular Contributor. A Contribution
  "originates" from a Contributor if it was added to the Program by
  such Contributor itself or anyone acting on such Contributor's behalf.
  Contributions do not include changes or additions to the Program that
  are not Modified Works.

  "Contributor" means any person or
 entity that Distributes the Program.

  "Licensed Patents" mean patent claims licensable by a Contributor which
  are necessarily infringed by the use or sale of its Contribution alone
  or when combined with the Program.

  "Program" means the Contributions Distributed in accordance with this
  Agreement.

  "Recipient" means anyone who receives the Program under this Agreement

or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that
contains any contents of the Program. Modified
Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free
copyright
license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is

licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its knowledge it has
sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor may Distribute the Program under a license
different than this Agreement, provided that such license:
   i) effectively disclaims on behalf of all other Contributors all
   warranties and conditions, express and implied, including
   warranties or conditions of title and non-infringement, and
   implied warranties or conditions of merchantability and fitness
   for a particular purpose;

   ii) effectively excludes on behalf of all other Contributors all

liability for damages, including direct, indirect, special,
incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights
in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any
party to be under a license that satisfies the requirements
of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material
in a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified

Contributor must: a) promptly notify the Commercial Contributor in writing
of such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN
THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel
or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

  Simply including a copy of this Agreement, including this Exhibit A
  is not sufficient to license the Source Code under Secondary Licenses.

  If it is not possible or desirable to put the notice in a particular
  file, then You may include the notice in a location (such as a LICENSE
  file in a relevant directory) where a recipient would be likely
to
  look for such a notice.

  You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed
at all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted,

and the output from the Program is
 covered only if its contents constitute a work based on the Program
 (independent of having been made by running the Program). Whether that
 is true depends on what the Program does.

 1. You may copy and distribute verbatim copies of the Program's source
 code as you receive it, in any medium, provided that you conspicuously
 and appropriately publish on each copy an appropriate copyright notice
 and disclaimer of warranty; keep intact all the notices that refer to
 this License and to the absence of any warranty; and give any other
 recipients of the Program a copy of this License along with the Program.

 You may charge a fee for the physical act of transferring a copy, and
 you may at your option offer warranty protection in exchange for a fee.

 2. You may modify your copy or copies of the Program or any portion of
 it, thus forming a work based on the Program, and copy and distribute
 such modifications
or work under the terms of Section 1 above, provided
 that you also meet all of these conditions:

   a) You must cause the modified files to carry prominent notices
   stating that you changed the files and the date of any change.

   b) You must cause any work that you distribute or publish, that in
   whole or in part contains or is derived from the Program or any part
   thereof, to be licensed as a whole at no charge to all third parties
   under the terms of this License.

   c) If the modified program normally reads commands interactively
   when run, you must cause it, when started running for such
   interactive use in the most ordinary way, to print or display an
   announcement including an appropriate copyright notice and a notice
   that there is no warranty (or else, saying that you provide a
   warranty) and that users may redistribute the program under these
   conditions, and telling the user how
to view a copy of this License.
   (Exception: if the Program itself is interactive but does not
   normally print such an announcement, your work based on the Program
   is not required to print an announcement.)

 These requirements apply to the modified work as a whole. If
 identifiable sections of that work are not derived from the Program, and
 can be reasonably considered independent and separate works in
 themselves, then this License, and its terms, do not apply to those
 sections when you distribute them as separate works. But when you
 distribute the same sections as part of a whole which is a work based on
 the Program, the distribution of the whole must be on the terms of this

License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

   a) Accompany it with the complete corresponding machine-readable
   source code, which must be distributed under the terms of Sections 1
   and 2 above on a medium customarily used for software interchange; or,

   b) Accompany it with a written offer, valid for at least three
   years, to give any third party, for a charge no more than your cost

 of physically performing source distribution, a complete
   machine-readable copy of the corresponding source code, to be
   distributed under the terms of Sections 1 and 2 above on a medium
   customarily used for software interchange; or,

   c) Accompany it with the information you received as to the offer to
   distribute corresponding source code. (This alternative is allowed
   only for noncommercial distribution and only if you received the
   program in object code or executable form with such an offer, in
   accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed
need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all
its terms and conditions for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular

circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted
in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free
Software Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

    One line to give the program's name and a brief idea of what it does.
    Copyright (C) <year> <name of author>

    This program is free software; you can redistribute it and/or modify
    it under the terms of the GNU General Public License as published by
    the Free Software Foundation; either version 2 of the License, or
    (at your option) any later version.

This program is distributed in the hope that it will be useful, but
    WITHOUT ANY WARRANTY; without even the implied warranty of

MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show
w' and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU
Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole

combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
you do not wish to do so, delete this exception statement
from your version.
/*
* Copyright (c) 2010, 2017 Oracle and/or its affiliates. All rights reserved.
*
* This program and the accompanying materials are made available under the
* terms of the Eclipse Public License v. 2.0, which is available at
* http://www.eclipse.org/legal/epl-2.0.
*
* This Source Code may also be made available under the following Secondary
* Licenses when the conditions for such availability set forth in the
* Eclipse Public License v. 2.0 are satisfied: GNU General Public License,
* version 2 with the GNU Classpath Exception, which is available at
* https://www.gnu.org/software/classpath/license.html.
*
* SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0
*/

1.96 picocli 4.6.1
1.96.1 Available under license :
No license file was found, but licenses were detected in source scan.

/*
Copyright 2017 Remko Popma

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

    http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and
limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1178487930_1625660844.82/0/picocli-4-6-1-sources-1-jar/picocli/AutoComplete.java
No license file was found, but licenses were detected in source scan.

/**
    * Called when either the command, option or positional parameter that has this preprocessor configured was
    * recognized by the picocli parser.
    * <p>Implementors are free to modify one or more of the specified command line arguments before they are
    * processed by the picocli parser (or by the option's
{@link IParameterConsumer parameter consumer}, if one is specified).
    * </p><p>
    * Implementors may optionally consume one or more of the specified command line arguments:
    * a return value of {@code true} signals that the preprocessor consumed the parameter:
    * picocli should skip further processing of this option or positional parameter,
    * and the preprocessor implementation takes responsibility for assigning the
    * option or positional parameter a value. A return value of {@code false} means that picocli should
    * process the stack as usual for this option or positional parameter, and picocli is responsible for
    * assigning this option or positional parameter a value.
    * </p><p>
    * For a command, returning {@code true} signals that the preprocessor takes responsibility for parsing all
    * options and positional parameters for this command, and takes responsibility for validating constraints
like
    * whether all required options and positional parameters were specified.
    * A return value of {@code false} means that picocli should
    * process the stack as usual for this command, and picocli is responsible for validation.
    * Command preprocessors can signal back to the picocli parser when they detect that the user requested version
    * information or usage help by putting a value of {@code true} in the specified
    * {@code info} map for keys {@code versionHelpRequested} or {@code usageHelpRequested}, respectively.
    * </p><p>

```
 * If the user input is invalid, implementations should throw a {@link ParameterException}
 * with a message to display to the user.
 * </p>
 * @param args the remaining command line arguments that follow the matched argument
 *            (the matched argument is not on the stack anymore)
 * @param commandSpec the command or subcommand that was matched
(if the specified {@code argSpec} is
 *            {@code null}), or the command that the matched option or positional parameter belongs to
 * @param argSpec the option or positional parameter for which to pre-process command line arguments
 *            (may be {@code null} when this method is called for a subcommand that was matched)
 * @param info a map containing additional information on the current parser state,
 *            including whether the option parameter was attached to the option name with
 *            a `=` separator, whether quotes have already been stripped off the option, etc.
 *            Implementations may modify this map to communicate back to the picocli parser.
 *            Supported values:
 *            <table>
 *              <tr>
 *                <th>key</th><th>valid values</th><th>type</th>
 *              </tr>
 *              <tr>
 *                <td>separator</td><td>" (empty string): attached without separator, ' ' (space): not attached, (any
other string): option name was attached to option param with specified separator</td>
 *                <td>java.lang.String</td>
 *              </tr>
 *              <tr>
 *                <td>negated</td>
 *                <td>{@code true}: the option or positional parameter is a {@linkplain Option#negatable()
negated} option/parameter, {@code false}: the option or positional parameter is not a negated
option/parameter</td>
 *                <td>java.lang.Boolean</td>
 *              </tr>
 *              <tr>
 *                <td>unquoted</td>
 *                <td>{@code true}: quotes surrounding the value have already been stripped off, {@code false}:
quotes surrounding the value have not yet been stripped off</td>
 *                <td>java.lang.Boolean</td>
 *              </tr>
 *              <tr>
 *                <td>versionHelpRequested</td>
 *                <td>{@code true}: version help was requested, {@code false}: version help was not
requested</td>
 *                <td>java.lang.Boolean</td>
 *              </tr>
 *              <tr>
 *                <td>usageHelpRequested</td>
 *                <td>{@code true}: usage help was requested, {@code false}: usage help was not requested</td>
 *                <td>java.lang.Boolean</td>
 *              </tr>
```

```
*            </table>
* @returns true if the preprocessor consumed the parameter
*         and picocli should skip further processing of the stack for this option or positional parameter;
*         false if picocli should continue processing the stack for this option or positional parameter
* @throws ParameterException if the
```
user input is invalid
```
*/
```

Found in path(s):
* /opt/cola/permits/1178487930_1625660844.82/0/picocli-4-6-1-sources-1-jar/picocli/CommandLine.java

1.97 saxon-xslt-and-xquery-processor 10.3

1.97.1 Available under license :

Found license 'GNU Lesser General Public License' in '// This library is free software; you can redistribute it and/or // modify it under the terms of the GNU Lesser General Public // License as published by the Free Software Foundation; either // version 2.1 of the License, or (at your option) any later version. // This library is distributed in the hope that it will be useful, // but WITHOUT ANY WARRANTY; without even the implied warranty of // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU // Lesser General Public License for more details. // You should have received a copy of the GNU Lesser General Public * This grammar is in the PUBLIC DOMAIN'

Found license 'GNU Lesser General Public License' in '// This library is free software; you can redistribute it and/or // modify it under the terms of the GNU Lesser General Public // License as published by the Free Software Foundation; either // version 2.1 of the License, or (at your option) any later version. // This library is distributed in the hope that it will be useful, // but WITHOUT ANY WARRANTY; without even the implied warranty of // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU // Lesser General Public License for more details. // You should have received a copy of the GNU Lesser General Public'

//

// Copyright (c) 2018-2020 Saxonica Limited

// This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0.

// If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.

// This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

//

Mozilla Public License

Version 2.0

1. Definitions

1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

means Covered Software of a particular Contributor.

1.4. "Covered Software"
means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses"
means

that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form"
means
 any form of the work other than Source Code Form.

1.7. "Larger Work"
means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License"
means this document.

1.9. "Licensable"
means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"
means any of the following:

any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor
means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer
 of either its Contributions or its Contributor Version.

1.12. "Secondary License"
means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form"
means the form of the work preferred for making modifications.

1.14. "You" (or "Your")
means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions
2.1. Grants
Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive
 license:

under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date
The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope
The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

for
 any code that a Contributor has removed from Covered Software; or

for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses
No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation
Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights

to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use
This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions
Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities
3.1. Distribution of Source Form
All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form
If You distribute Covered Software in Executable Form then:

such Covered Software must also be made available in Source Code Form, as described in
 Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work
You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s),
 so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices
You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms
You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred

by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent,
 then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes
 an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent

applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so
 this exclusion and limitation may not apply to You.

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other
 than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in
 Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at https://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

1.98 reflections 0.9.12

1.98.1 Available under license :

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE

Version 2, December 2004

Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

Everyone is permitted to copy and distribute verbatim or modified

copies of this license document, and changing it is allowed as long

as the name is changed.

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. You just DO WHAT THE FUCK YOU WANT TO.

1.99 java-servlet-api 4.0.4

1.99.1 Available under license :

Found license 'General Public License 2.0' in 'Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at Eclipse Public License v. 2.0 are satisfied: GNU General Public License, Copyright © 2019 Eclipse Foundation. All rights reserved.
'

Found license 'General Public License 2.0' in 'Copyright (c) 2009, 2018 Oracle and/or its affiliates. All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at Eclipse Public License v. 2.0 are satisfied: GNU General Public License,'

Found license 'General Public License 2.0' in 'Copyright (c) 2008, 2018 Oracle and/or its affiliates. All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at Eclipse Public License v. 2.0 are satisfied: GNU General Public License,'

Found license 'Eclipse Public License 1.0' in 'Copyright (c) 2009, 2018 Oracle and/or its affiliates. All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at Eclipse Public License v. 2.0 are satisfied: GNU General Public License,'

Found license 'Eclipse Public License 1.0' in 'Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at Eclipse Public License v. 2.0 are satisfied: GNU General Public License, Copyright © 2019 Eclipse Foundation. All rights reserved.
'

Found license 'Eclipse Public License 1.0' in 'Copyright (c) 2008, 2018 Oracle and/or its affiliates. All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at Eclipse Public License v. 2.0 are satisfied: GNU General Public License,'

1.100 caffeine-cache 2.9.2

1.100.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain

separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without

modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include

the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.101 apache-commons-lang 3.12.0
1.101.1 Available under license :
Apache Commons Lang
Copyright 2001-2021 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

   "License" shall mean the terms and conditions for use, reproduction,
   and distribution as defined by Sections 1 through 9 of this document.

   "Licensor" shall mean the copyright owner or entity authorized by
   the copyright owner that is granting the License.

   "Legal Entity" shall mean the union of the acting entity and all
   other entities that control, are controlled by, or are under common
   control with that entity. For the purposes of this definition,
   "control" means (i) the power, direct or indirect, to cause the

direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial
revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must
       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding

those notices that do not

      pertain to any part of the Derivative Works, in at least one
      of the following places: within a NOTICE text file distributed
      as part of the Derivative Works; within the Source form or
      documentation, if provided along with the Derivative Works; or,
      within a display generated by the Derivative Works, if and
      wherever such third-party notices normally appear. The contents
      of the NOTICE file are for informational purposes only and
      do not modify the License. You may add Your own attribution
      notices within Derivative Works that You distribute, alongside
      or as an addendum to the NOTICE text from the Work, provided
      that such additional attribution notices cannot be construed
      as modifying the License.

  You may add Your own copyright statement to Your modifications and
  may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
  for any such Derivative Works as a whole, provided Your use,
  reproduction, and distribution of the Work otherwise complies with
  the conditions stated in this License.

 5. Submission of Contributions. Unless You explicitly state otherwise,
  any Contribution intentionally submitted for inclusion in the Work
  by You to the Licensor shall be under the terms and conditions of
  this License, without any additional terms or conditions.
  Notwithstanding the above, nothing herein shall supersede or modify
  the terms of any separate license agreement you may have executed
  with Licensor regarding such Contributions.

 6. Trademarks. This License does not grant permission to use the trade
  names, trademarks, service marks, or product names of the Licensor,
  except as required for reasonable and customary use in describing the
  origin of the Work and reproducing the
content of the NOTICE file.

 7. Disclaimer of Warranty. Unless required by applicable law or
  agreed to in writing, Licensor provides the Work (and each
  Contributor provides its Contributions) on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
  implied, including, without limitation, any warranties or conditions
  of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
  PARTICULAR PURPOSE. You are solely responsible for determining the
  appropriateness of using or redistributing the Work and assume any
  risks associated with Your exercise of permissions under this License.

 8. Limitation of Liability. In no event and under no legal theory,
  whether in tort (including negligence), contract, or otherwise,

unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.102 antlr 2.7.7

1.102.1 Available under license :

[The BSD License]

Copyright (c) 2012 Terence Parr and Sam Harwell

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

 OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.103 log4j-over-slf4j 1.7.32

1.103.1 Available under license :

No license file was found, but licenses were detected in source scan.

<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>

Found in path(s):
* /opt/cola/permits/1198379913_1630347367.42/0/log4j-over-slf4j-1-7-32-jar/META-INF/maven/org.slf4j/log4j-over-slf4j/pom.xml

1.104 error_prone_annotations 2.5.1

1.104.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

Found in path(s):
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-
jar/com/google/errorprone/annotations/FormatMethod.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-
jar/com/google/errorprone/annotations/DoNotMock.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-
jar/com/google/errorprone/annotations/RestrictedApi.java
*
 /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-
jar/com/google/errorprone/annotations/CompatibleWith.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-
jar/com/google/errorprone/annotations/FormatString.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-
jar/com/google/errorprone/annotations/MustBeClosed.java
No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
*
 /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/Var.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/CompileTimeConstant.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/ForOverride.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/Immutable.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/RequiredModifiers.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2017 The Error Prone Authors.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/CheckReturnValue.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/DoNotCall.java
* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
*
 /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2014 The Error Prone Authors.

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java

* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/NoAllocation.java

* /opt/cola/permits/1206721250_1632455727.58/0/error-prone-annotations-2-5-1-sources-2-jar/com/google/errorprone/annotations/concurrent/LockMethod.java

1.105 error_prone_annotations 2.1.3

1.105.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2017 Google Inc. All Rights Reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):
* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/DoNotCall.java
*
 /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/CheckReturnValue.java
* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2016 Google Inc. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/RestrictedApi.java
* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/CompatibleWith.java
* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/DoNotMock.java
*
 /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/FormatMethod.java
* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/MustBeClosed.java
* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/FormatString.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2014 Google Inc. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License");

Found in path(s):

* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java

* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/concurrent/LockMethod.java

*

 /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/NoAllocation.java

No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/RequiredModifiers.java

* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/concurrent/LazyInit.java

*

 /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java

* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/Immutable.java

* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/Var.java

* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/CompileTimeConstant.java

* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/ForOverride.java

* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/IncompatibleModifiers.java

* /opt/cola/permits/1206722448_1632456694.38/0/error-prone-annotations-2-1-3-sources-12-jar/com/google/errorprone/annotations/SuppressPackageLocation.java

1.106 archaius-core 0.6.6

1.106.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
*
* Copyright 2014 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
*/

Found in path(s):
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-jar/com/netflix/config/Property.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2014 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0

*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/PropertyWrapper.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/AggregatedConfiguration.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicDoubleProperty.java
*
 /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/StringDerivedProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicContextualProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/PollListener.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/jmx/ConfigJMXManager.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/jmx/ConfigMBean.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/MissingConfigurationSourceException.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/sources/URLConfigurationSource.java
*
 /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicURLConfiguration.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/WatchedUpdateResult.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicFloatProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/ConfigurationManager.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicStringProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/ExpandedConfigurationListenerAdapter.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicListProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-

jar/com/netflix/config/ConfigurationBackedDynamicPropertySupportImpl.java
*
 /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/SimpleDeploymentContext.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicMapProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicWatchedConfiguration.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
2-jar/com/netflix/config/samples/SampleApplication.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicBooleanProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/ConcurrentMapConfiguration.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/WebApplicationProperties.java
*
 /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/AbstractDynamicPropertyListener.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/util/ConfigurationUtils.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/validation/PropertyChangeValidator.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/ConfigurationBasedDeploymentContext.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicPropertySupport.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/sources/JDBCConfigurationSource.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/AbstractPollingScheduler.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicPropertyUpdater.java
*
 /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/ConfigurationWithPollingSource.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicSetProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicPropertyFactory.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DefaultContextualPredicate.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicStringListProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/PollResult.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/WatchedConfigurationSource.java

*
 /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/ConcurrentCompositeConfiguration.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/ClasspathPropertiesConfiguration.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/util/HttpVerbUriRegexPropertyValue.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DeploymentContext.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/WatchedUpdateListener.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/PropertyListener.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicIntProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/FixedDelayPollingScheduler.java
*
 /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicLongProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/jmx/BaseConfigMBean.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/ChainedDynamicProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/PolledConfigurationSource.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicStringMapProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DerivedStringProperty.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/samples/SampleApplicationWithDefaultConfiguration.java
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicConfiguration.java
*
 /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/validation/ValidationException.java
No license file was found, but licenses were detected in source scan.

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0
distributed under the License is distributed on an "AS IS" BASIS,

Found in path(s):
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-jar/sampleapp.properties

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2014 Netflix, Inc.
*
* Copyright 2013 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1212291032_1633767108.68/0/archaius-core-0-6-6-sources-2-
jar/com/netflix/config/DynamicStringSetProperty.java

1.107 java-architecture-for-xml-binding 2.3.2
1.107.1 Available under license :

Copyright (c) 2004 Kohsuke Kawaguchi

Permission is hereby granted, free of charge, to any person
obtaining a copy of this software and associated documentation
files (the "Software"), to deal in the Software without
restriction, including without limitation the rights to use,
copy, modify, merge, publish, distribute, sublicense, and/or
sell copies of the Software, and to permit persons to whom
the Software is furnished to do so, subject to the following
conditions:

The above copyright notice and this permission notice shall
be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY
KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE
WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR
PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS
OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR
OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR

OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH
 THE
SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
/*
* Copyright (c) 1997, 2018 Oracle and/or its affiliates. All rights reserved.
*
* This program and the accompanying materials are made available under the
* terms of the Eclipse Distribution License v. 1.0, which is available at
* http://www.eclipse.org/org/documents/edl-v10.php.
*
* SPDX-License-Identifier: BSD-3-Clause
*/
Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

 - Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.

 - Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the distribution.

 - Neither the name of the Eclipse Foundation, Inc. nor the names of its
   contributors may be used to endorse or promote products derived
   from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS
IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE
 DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Eclipse Distribution License - v 1.0
Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the
following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
 PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

/*

* * Copyright (c) YYYY Oracle and/or its affiliates. All rights reserved.

*

* This program and the accompanying materials are made available under the

* terms of the Eclipse Distribution License v. 1.0, which is available at

* http://www.eclipse.org/org/documents/edl-v10.php.

*

* SPDX-License-Identifier: BSD-3-Clause

*/

/*

* Copyright (c) YYYY Oracle and/or its affiliates. All rights reserved.

*

* This program and the accompanying materials are made available under the

* terms of the Eclipse Distribution License v. 1.0, which is available at

* http://www.eclipse.org/org/documents/edl-v10.php.

*

* SPDX-License-Identifier: BSD-3-Clause

*/

Notices for Eclipse Implementation of JAXB

This content is produced and maintained by the Eclipse Implementation of JAXB
project.

* Project home: https://projects.eclipse.org/projects/ee4j.jaxb-impl

Trademarks

Eclipse Implementation of JAXB is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at http://www.eclipse.org/org/documents/edl-v10.php.

SPDX-License-Identifier: BSD-3-Clause

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jaxb-ri
* https://github.com/eclipse-ee4j/jaxb-istack-commons
* https://github.com/eclipse-ee4j/jaxb-dtd-parser
* https://github.com/eclipse-ee4j/jaxb-fi
*
 https://github.com/eclipse-ee4j/jaxb-stax-ex
* https://github.com/eclipse-ee4j/jax-rpc-ri

Third-party Content

This project leverages the following third party content.

Apache Ant (1.10.2)

* License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

Apache Ant (1.10.2)

* License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

Apache Felix (1.2.0)

* License: Apache License, 2.0

args4j (2.33)

* License: MIT License

dom4j (1.6.1)

* License: Custom license based on Apache 1.1

file-management (3.0.0)

* License: Apache-2.0
* Project: https://maven.apache.org/shared/file-management/
* Source:
  https://svn.apache.org/viewvc/maven/shared/tags/file-management-3.0.0/

JUnit (4.12)

* License: Eclipse Public License

JUnit (4.12)

* License: Eclipse Public License

maven-compat (3.5.2)

* License: Apache-2.0
* Project: https://maven.apache.org/ref/3.5.2/maven-compat/
* Source:
  https://mvnrepository.com/artifact/org.apache.maven/maven-compat/3.5.2

maven-core
 (3.5.2)

* License: Apache-2.0
* Project: https://maven.apache.org/ref/3.5.2/maven-core/index.html
* Source: https://mvnrepository.com/artifact/org.apache.maven/maven-core/3.5.2

maven-plugin-annotations (3.5)

* License: Apache-2.0
* Project: https://maven.apache.org/plugin-tools/maven-plugin-annotations/
* Source:
  https://github.com/apache/maven-plugin-tools/tree/master/maven-plugin-annotations

maven-plugin-api (3.5.2)

* License: Apache-2.0

maven-resolver-api (1.1.1)

* License: Apache-2.0

maven-resolver-api (1.1.1)

* License: Apache-2.0

maven-resolver-connector-basic (1.1.1)

* License: Apache-2.0

maven-resolver-impl (1.1.1)

* License: Apache-2.0

maven-resolver-spi (1.1.1)

* License: Apache-2.0

maven-resolver-transport-file (1.1.1)

* License: Apache-2.0
* Project: https://maven.apache.org/resolver/maven-resolver-transport-file/
* Source:
  https://github.com/apache/maven-resolver/tree/master/maven-resolver-transport-file

maven-resolver-util (1.1.1)

* License: Apache-2.0

maven-settings
 (3.5.2)

* License: Apache-2.0
* Source:
  https://mvnrepository.com/artifact/org.apache.maven/maven-settings/3.5.2

OSGi Service Platform Core Companion Code (6.0)

* License: Apache License, 2.0

plexus-archiver (3.5)

* License: Apache-2.0
* Project: https://codehaus-plexus.github.io/plexus-archiver/
* Source: https://github.com/codehaus-plexus/plexus-archiver

plexus-io (3.0.0)

* License: Apache-2.0

plexus-utils (3.1.0)

* License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana
  University Extreme! Lab Software License V1.1.1 (Apache 1.1 style)

relaxng-datatype (1.0)

* License: New BSD license

Sax (0.2)

* License: SAX-PD
* Project: http://www.megginson.com/downloads/SAX/
* Source: http://sourceforge.net/project/showfiles.php?group_id=29449

testng (6.14.2)

* License: Apache-2.0 AND (MIT OR GPL-1.0+)
* Project: https://testng.org/doc/index.html
* Source: https://github.com/cbeust/testng

wagon-http-lightweight (3.0.0)

* License: Pending
*
 Project: https://maven.apache.org/wagon/
* Source:
 https://mvnrepository.com/artifact/org.apache.maven.wagon/wagon-http-lightweight/3.0.0

xz for java (1.8)

* License: LicenseRef-Public-Domain

Cryptography

Content may contain encryption software. The country in which you are currently
may have restrictions on the import, possession, and use, and/or re-export to
another country, of encryption software. BEFORE using any encryption software,
please check the country's laws, regulations and policies concerning the import,
possession, or use, and re-export of encryption software, to see if this is
permitted.

documentation and/or other materials provided with the distribution.

 - Neither the name of the Eclipse Foundation, Inc. nor the names of its
   contributors may be used to endorse or promote products derived
   from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS
IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE
 DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.108 commons-codec 1.15

1.108.1 Available under license :

Apache Commons Codec
Copyright 2002-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java
contains test data from http://aspell.net/test/orig/batch0.tab.
Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)

==

The content of package org.apache.commons.codec.language.bm has been translated
from the original php source code available at http://stevemorse.org/phoneticinfo.htm
with permission from the original authors.
Original source copyright:
Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

                        Apache License
                  Version 2.0, January 2004
                http://www.apache.org/licenses/

    TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

    1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"

means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding
those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

   You may add Your own copyright statement to Your modifications and
   may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
   for any such Derivative Works as a whole, provided Your use,
   reproduction, and distribution of the Work otherwise complies with
   the conditions stated in this License.

 5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

 6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the
content of the NOTICE file.

 7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each

Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.109 antlr 4.6

1.109.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* [The "BSD license"]
* Copyright (c) 2015 Dan McLaughlin, Mike Lischke
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
*   OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-

jar/org/antlr/v4/tool/templates/codegen/Cpp/Cpp.stg

No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 *  Copyright (c) 2012-2016 Terence Parr
 *  Copyright (c) 2012-2016 Sam Harwell
 *  All rights reserved.
 *
 *  Redistribution and use in source and binary forms, with or without
 *  modification, are permitted provided that the following conditions
 *  are met:
 *
 *  1. Redistributions of source code must retain the above copyright
 *     notice, this list of conditions and the following disclaimer.
 *  2. Redistributions in binary form must reproduce the above copyright
 *     notice, this list of conditions and the following disclaimer in the
 *     documentation and/or other materials provided with the distribution.
 *  3. The name of the author may not be used to endorse or promote products
 *     derived from this software without specific prior written permission.
 *
 *  THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 *  IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
 *  OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 *  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 *  INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 *  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

tree grammar BlockSetTransformer;
options {
 language     = Java;
 tokenVocab   = ANTLRParser;
 ASTLabelType = GrammarAST;
 output   = AST;
 filter   = true;
}

@header {
package org.antlr.v4.parse;
import org.antlr.v4.misc.Utils;
import org.antlr.v4.misc.*;
import org.antlr.v4.tool.*;
```

```
import org.antlr.v4.tool.ast.*;
import java.util.List;
import java.util.Set;
import
 java.util.HashSet;
import java.util.ArrayList;
import org.antlr.v4.runtime.misc.IntervalSet;
}

@members {
public String currentRuleName;
public GrammarAST currentAlt;
public Grammar g;
public BlockSetTransformer(TreeNodeStream input, Grammar g) {
  this(input, new RecognizerSharedState());
  this.g = g;
}
}

topdown
  : ^(RULE (id=TOKEN_REF|id=RULE_REF) {currentRuleName=$id.text;} .+)
  | setAlt
  | ebnfBlockSet
  | blockSet
;

setAlt
 : {inContext("RULE BLOCK")}?
  ALT {currentAlt = $start;}
 ;

// (BLOCK (ALT (+ (BLOCK (ALT INT) (ALT ID)))))
ebnfBlockSet
@after {
 GrammarTransformPipeline.setGrammarPtr(g, $tree);
}
 : ^(ebnfSuffix blockSet) -> ^(ebnfSuffix ^(BLOCK<BlockAST> ^(ALT<AltAST> blockSet)))
 ;

ebnfSuffix
@after {$tree = (GrammarAST)adaptor.dupNode($start);}
 : OPTIONAL
 | CLOSURE
  | POSITIVE_CLOSURE
 ;

blockSet
@init {
```

```
boolean inLexer = Grammar.isTokenName(currentRuleName);
}
@after {
 GrammarTransformPipeline.setGrammarPtr(g, $tree);
}
 : {inContext("RULE")}?
 // top-level: rule block and > 1 alt
  ^(BLOCK ^(alt=ALT elementOptions? {((AltAST)$alt).altLabel==null}? setElement[inLexer]) ( ^(ALT
elementOptions? setElement[inLexer]) )+)
  -> ^(BLOCK<BlockAST>[$BLOCK.token] ^(ALT<AltAST>[$BLOCK.token,"ALT"] ^(SET[$BLOCK.token,
"SET"] setElement+)))
| {!inContext("RULE")}? // if not rule block and > 1 alt
  ^(BLOCK ^(ALT elementOptions? setElement[inLexer]) ( ^(ALT elementOptions? setElement[inLexer]) )+)
  -> ^(SET[$BLOCK.token, "SET"] setElement+)
 ;

setElement[boolean inLexer]
@after {
 GrammarTransformPipeline.setGrammarPtr(g, $tree);
}
 : ( ^(a=STRING_LITERAL elementOptions) {!inLexer ||
CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1}?
  | a=STRING_LITERAL {!inLexer || CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1}?
 | {!inLexer}?=> ^(TOKEN_REF elementOptions)
 | {!inLexer}?=>  TOKEN_REF
 | {inLexer}?=> ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
  {CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1
&&
  CharSupport.getCharValueFromGrammarCharLiteral($b.getText())!=-1}?
 )
 ;

elementOptions
 : ^(ELEMENT_OPTIONS elementOption*)
 ;

elementOption
 : ID
 | ^(ASSIGN id=ID v=ID)
 | ^(ASSIGN ID v=STRING_LITERAL)
 | ^(ASSIGN ID v=ACTION)
 | ^(ASSIGN ID v=INT)
 ;
```

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/BlockSetTransformer.g
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/NotAST.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/gui/SystemFontMetrics.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/SetAttr.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_text.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/MatchToken.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/AltLabelStructDecl.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/target/CSharpTarget.java
*
 /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/Sync.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_int.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/automata/ATNVisitor.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/StarBlock.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/SemPred.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/analysis/LeftRecursiveRuleAnalyzer.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/DispatchMethod.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/RetValueRef.java
*
 /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/ContextTokenListIndexedGetterDecl.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/GrammarToken.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/ElementFrequenciesVisitor.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/RuleRefAST.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_index.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/BaseVisitorFile.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/CaptureNextTokenType.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_type.java

*
 /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/OutputModelFactory.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/QuantifierAST.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_parser.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/parse/ActionSplitterListener.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/misc/CharSupport.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/model/decl/TokenDecl.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/parse/GrammarASTAdaptor.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/model/VisitorFile.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/tool/ast/OptionalBlockAST.java
*
 /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/dbg.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_ctx.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/model/ListenerFile.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/target/JavaScriptTarget.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/model/chunk/TokenRef.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/ActionTranslator.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/model/chunk/ActionText.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/semantics/BasicSemanticChecks.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/OutputModelWalker.java
*
 /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/gui/JFileChooserConfirmOverwrite.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/model/ArgAction.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/AltBlock.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/semantics/BlankActionSplitterListener.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/Choice.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/semantics/SemanticPipeline.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/gui/TreePostScriptGenerator.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/semantics/UseDefAnalyzer.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/LexerFile.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/OutputModelController.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_start.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/gui/TreeLayoutAdaptor.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/BuildDependencyGenerator.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/TokenTypeDecl.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/target/Python3Target.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_line.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/target/Python2Target.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/semantics/SymbolCollector.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/gui/BasicFontMetrics.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/ResyncToEndOfRuleBlock.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/ToolANTLRLexer.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/analysis/LeftRecursiveRuleTransformer.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/AltAST.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/Alternative.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/RuleContextListDecl.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/GrammarASTErrorNode.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/MatchNotSet.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/GrammarRootAST.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ErrorSeverity.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/AddToLabelList.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/CodeGenerator.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/ContextRuleGetterDecl.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-

jar/org/antlr/v4/analysis/LeftRecursiveRuleAltInfo.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/ModelElement.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/ParserFile.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/RuleSempredFunction.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/target/CppTarget.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/ListenerDispatchMethod.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/LabelRef.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/VisitorDispatchMethod.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ANTLRToolListener.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/v3TreeGrammarException.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/BlankOutputModelFactory.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/ParserFactory.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/RuleElement.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/gui/TreeViewer.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/SetAST.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/OutputFile.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/ToolANTLRParser.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/QRetValueRef.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/analysis/LeftRecursionDetector.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/InvokeRule.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/TestSetInline.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/LL1StarBlockSingleAlt.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ANTLRMessage.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/GrammarTransformPipeline.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/analysis/AnalysisPipeline.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/StarBlockAST.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/automata/TailEpsilonRemover.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/misc/OrderedHashMap.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/GrammarASTVisitor.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/CodeBlock.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/semantics/AttributeChecks.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/misc/FrequencySet.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/RuleActionFunction.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/Target.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/SrcOp.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ToolMessage.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/ThrowNoViableAlt.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/Action.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/GrammarAST.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_channel.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/LabelType.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/RangeAST.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/misc/MutableInt.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/LabeledOp.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ErrorType.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/ContextRuleListIndexedGetterDecl.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/ScopeParser.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/CodeGenPipeline.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_ctx.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_stop.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/GrammarParserInterpreter.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/gui/Trees.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/Recognizer.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/MatchSet.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/DOTGenerator.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-

jar/org/antlr/v4/codegen/CodeGeneratorExtension.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/target/GoTarget.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/AttributeDecl.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_text.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/automata/LexerATNFactory.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/OptionalBlock.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/semantics/SymbolChecks.java

*
 /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/ElementListDecl.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/CodeBlockForOuterMostAlt.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/LeftRecursionCyclesMessage.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/LocalRef.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/CaptureNextToken.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/semantics/RuleCollector.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/Wildcard.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/v4ParserException.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/ActionTemplate.java

*
 /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/LL1PlusBlockSingleAlt.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/misc/Graph.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/Decl.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/SerializedATN.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/Rule.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_pos.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/gui/PostScriptDocument.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/TerminalAST.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/automata/ATNPrinter.java

*
 /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/TokenVocabParser.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/DefaultToolListener.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/GrammarASTWithOptions.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/automata/ParserATNFactory.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/LabelElementPair.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/target/JavaTarget.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/LL1Choice.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/LL1Loop.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/LL1AltBlock.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/AttributeDict.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/Tool.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/misc/Utils.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/GrammarSyntaxMessage.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/ThrowRecognitionException.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/LexerGrammar.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/ExceptionClause.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/automata/ATNFactory.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/BaseListenerFile.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/ThrowEarlyExitException.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/BlockAST.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/Grammar.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_parser.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/GrammarInterpreterRuleContext.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/RuleContextDecl.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_start.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/gui/TreeTextProvider.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/ContextTokenListGetterDecl.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/ContextTokenGetterDecl.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/LL1OptionalBlock.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/TokenListDecl.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/ActionAST.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/ArgRef.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/Loop.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/ContextGetterDecl.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ErrorManager.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/RuleAST.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/CodeBlockForAlt.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/RuleFunction.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/Lexer.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/PlusBlockAST.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/AttributeResolver.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/RuleElementAST.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/DefaultOutputModelFactory.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/gui/TestRig.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/target/SwiftTarget.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/SetNonLocalAttr.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/NonLocalAttrRef.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/Attribute.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/ListLabelRef.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_text.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/PlusBlock.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/decl/StructDecl.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/ast/PredAST.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/LexerFactory.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/OutputModelObject.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/LeftRecursiveRule.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/GrammarSemanticsMessage.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_stop.java
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/LL1OptionalBlockSingleAlt.java

*

 /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/model/decl/ContextRuleListGetterDecl.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/automata/ATNOptimizer.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/model/chunk/ActionChunk.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/model/Parser.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/semantics/ActionSniffer.java

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/codegen/model/LeftRecursiveRuleFunction.java

No license file was found, but licenses were detected in source scan.

```
tree grammar ATNBuilder;
options {
 language    = Java;
 tokenVocab  = ANTLRParser;
 ASTLabelType = GrammarAST;
```

```
// filter      = true;
}


// Include the copyright in this source and also the generated source
@header {
/*
[The "BSD license"]
Copyright (c) 2010 Terence Parr
All rights reserved.
Redistribution and use in source and binary forms, with or without
 modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
   derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
 USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import org.antlr.v4.automata.ATNFactory;
}

@members {
  ATNFactory factory;
  public ATNBuilder(TreeNodeStream input, ATNFactory factory) {
   this(input);
   this.factory = factory;
  }
}

dummy : block[null] ; // avoid error about no start rule

ruleBlock[GrammarAST ebnfRoot] returns [ATNFactory.Handle p]
```

```
@init {
  List<ATNFactory.Handle> alts = new ArrayList<ATNFactory.Handle>();
  int alt = 1;
  factory.setCurrentOuterAlt(alt);
}
  : ^(BLOCK
      (^(OPTIONS .*))?
      (  a=alternative
         {alts.add($a.p); factory.setCurrentOuterAlt(++alt);}
      )+
    )
    {$p = factory.block((BlockAST)$BLOCK, ebnfRoot, alts);}
  ;


block[GrammarAST ebnfRoot] returns [ATNFactory.Handle p]
@init {List<ATNFactory.Handle> alts = new ArrayList<ATNFactory.Handle>();}
  : ^(BLOCK (^(OPTIONS .*))? (a=alternative {alts.add($a.p);})+)
    {$p = factory.block((BlockAST)$BLOCK, ebnfRoot, alts);}
  ;


alternative returns [ATNFactory.Handle p]
@init {List<ATNFactory.Handle> els = new ArrayList<ATNFactory.Handle>();}
  : ^(LEXER_ALT_ACTION a=alternative lexerCommands)
     {$p = factory.lexerAltCommands($a.p,$lexerCommands.p);}
  | ^(ALT elementOptions? EPSILON)      {$p = factory.epsilon($EPSILON);}
  |  ^(ALT elementOptions? (e=element {els.add($e.p);})+) {$p = factory.alt(els);}
  ;


lexerCommands returns [ATNFactory.Handle p]
@init {List<ATNFactory.Handle> cmds = new ArrayList<ATNFactory.Handle>();}
  : (c=lexerCommand {if ($c.cmd != null) cmds.add($c.cmd);})+
    {
    $p = factory.alt(cmds);
    }
  ;


lexerCommand returns
 [ATNFactory.Handle cmd]
 : ^(LEXER_ACTION_CALL ID lexerCommandExpr)
     {$cmd = factory.lexerCallCommand($ID, $lexerCommandExpr.start);}
| ID
     {$cmd = factory.lexerCommand($ID);}
;


lexerCommandExpr
 : ID
| INT
;
```

```
element returns [ATNFactory.Handle p]
 : labeledElement    {$p = $labeledElement.p;}
 | atom       {$p = $atom.p;}
 | subrule     {$p = $subrule.p;}
 |  ACTION      {$p = factory.action((ActionAST)$ACTION);}
 |  SEMPRED     {$p = factory.sempred((PredAST)$SEMPRED);}
 |  ^(ACTION .)     {$p = factory.action((ActionAST)$ACTION);}
 |  ^(SEMPRED .)    {$p = factory.sempred((PredAST)$SEMPRED);}
  | ^(NOT b=blockSet[true])  {$p = $b.p;}
  | LEXER_CHAR_SET     {$p = factory.charSetLiteral($start);}
 ;

astOperand returns [ATNFactory.Handle p]
 : atom      {$p = $atom.p;}
 | ^(NOT blockSet[true])  {$p = $blockSet.p;}
 ;

labeledElement returns [ATNFactory.Handle p]
 : ^(ASSIGN ID element)     {$p = factory.label($element.p);}
 | ^(PLUS_ASSIGN ID element)
   {$p = factory.listLabel($element.p);}
 ;

subrule returns [ATNFactory.Handle p]
 : ^(OPTIONAL block[$start])   {$p = $block.p;}
 | ^(CLOSURE block[$start])   {$p = $block.p;}
 | ^(POSITIVE_CLOSURE block[$start]) {$p = $block.p;}
 |  block[null]      {$p = $block.p;}
  ;

blockSet[boolean invert] returns [ATNFactory.Handle p]
@init {List<GrammarAST> alts = new ArrayList<GrammarAST>();}
 : ^(SET (setElement {alts.add($setElement.start);})+) {$p = factory.set($start, alts, $invert);}
 ;

/** Don't combine with atom otherwise it will build spurious ATN nodes */
setElement
 : ^(STRING_LITERAL .)
 | ^(TOKEN_REF .)
 | STRING_LITERAL
 | TOKEN_REF
 | ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
  |  LEXER_CHAR_SET
 ;

atom returns [ATNFactory.Handle p]
 : range     {$p = $range.p;}
```

```
  | ^(DOT ID terminal)  {$p = $terminal.p;}
  | ^(DOT ID ruleref)  {$p = $ruleref.p;}
    | ^(WILDCARD .)   {$p = factory.wildcard($start);}
    | WILDCARD    {$p = factory.wildcard($start);}
    | blockSet[false]  {$p
 = $blockSet.p;}
    |  terminal   {$p = $terminal.p;}
    |  ruleref    {$p = $ruleref.p;}
    ;

ruleref returns [ATNFactory.Handle p]
  : ^(RULE_REF ARG_ACTION? ^(ELEMENT_OPTIONS .*))  {$p = factory.ruleRef($RULE_REF);}
  | ^(RULE_REF ARG_ACTION?)       {$p = factory.ruleRef($RULE_REF);}
  | RULE_REF         {$p = factory.ruleRef($RULE_REF);}
  ;

range returns [ATNFactory.Handle p]
  : ^(RANGE a=STRING_LITERAL b=STRING_LITERAL) {$p = factory.range($a,$b);}
  ;

terminal returns [ATNFactory.Handle p]
  :  ^(STRING_LITERAL .)   {$p = factory.stringLiteral((TerminalAST)$start);}
  | STRING_LITERAL    {$p = factory.stringLiteral((TerminalAST)$start);}
  | ^(TOKEN_REF ARG_ACTION .) {$p = factory.tokenRef((TerminalAST)$start);}
  | ^(TOKEN_REF .)    {$p = factory.tokenRef((TerminalAST)$start);}
  | TOKEN_REF     {$p = factory.tokenRef((TerminalAST)$start);}
  ;

elementOptions
 : ^(ELEMENT_OPTIONS elementOption*)
 ;

elementOption
 : ID
 | ^(ASSIGN ID
 ID)
 | ^(ASSIGN ID STRING_LITERAL)
 | ^(ASSIGN ID ACTION)
 | ^(ASSIGN ID INT)
 ;
```

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/ATNBuilder.g
No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 *  Copyright (c) 2012-2016 Terence Parr
```

/** ANTLR tool checks output templates are compatible with tool code generation.
 * For now, a simple string match used on x.y of x.y.z scheme.
 * Must match Tool.VERSION during load to templates.
 *
 * REQUIRED.
 */

pythonTypeInitMap ::= [
 "bool":"False",
 "int":"0",
 "float":"0.0",
 "str":"",
 default:"None" // anything other
 than a primitive type is an object
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<

```
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
var antlr4 = require('antlr4/index');
<if(file.genListener)>
var <file.grammarName>Listener = require('./<file.grammarName>Listener').<file.grammarName>Listener;
<endif>
<if(file.genVisitor)>
var <file.grammarName>Visitor = require('./<file.grammarName>Visitor').<file.grammarName>Visitor;
<endif>

<namedActions.header>
<parser>
>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
var antlr4 = require('antlr4/index');

// This class defines a complete listener for a parse tree produced by <file.parserName>.
function <file.grammarName>Listener() {
 antlr4.tree.ParseTreeListener.call(this);
 return this;
}

<file.grammarName>Listener.prototype = Object.create(antlr4.tree.ParseTreeListener.prototype);
<file.grammarName>Listener.prototype.constructor
 = <file.grammarName>Listener;

<file.listenerNames:{lname |
// Enter a parse tree produced by <file.parserName>#<lname>.
<file.grammarName>Listener.prototype.enter<lname; format="cap"> = function(ctx) {
\};

// Exit a parse tree produced by <file.parserName>#<lname>.
<file.grammarName>Listener.prototype.exit<lname; format="cap"> = function(ctx) {
\};

}; separator="\n">

exports.<file.grammarName>Listener = <file.grammarName>Listener;
>>


VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
var antlr4 = require('antlr4/index');

// This class defines a complete generic visitor for a parse tree produced by <file.parserName>.
```

```
function <file.grammarName>Visitor() {
 antlr4.tree.ParseTreeVisitor.call(this);
 return this;
}

<file.grammarName>Visitor.prototype = Object.create(antlr4.tree.ParseTreeVisitor.prototype);
<file.grammarName>Visitor.prototype.constructor = <file.grammarName>Visitor;

<file.visitorNames:{lname
 |
// Visit a parse tree produced by <file.parserName>#<lname>.
<file.grammarName>Visitor.prototype.visit<lname; format="cap"> = function(ctx) {
 return this.visitChildren(ctx);
\};

}; separator="\n">

exports.<file.grammarName>Visitor = <file.grammarName>Visitor;
>>


fileHeader(grammarFileName, ANTLRVersion) ::= <<
// Generated from <grammarFileName; format="java-escape"> by ANTLR <ANTLRVersion>
// jshint ignore: start
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<if(superClass)>
var <superClass> = require('./<superClass>').<superClass>;
<endif>

var grammarFileName = "<parser.grammarFileName; format="java-escape">";

<atn>

var atn = new antlr4.atn.ATNDeserializer().deserialize(serializedATN);

var decisionsToDFA = atn.decisionToState.map( function(ds, index) { return new antlr4.dfa.DFA(ds, index); });

var sharedContextCache = new antlr4.PredictionContextCache();

var literalNames = [ <parser.literalNames:{t | <t>}; null="null", separator=", ", wrap,
 anchor> ];

var symbolicNames = [ <parser.symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor> ];

var ruleNames =  [ <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor> ];
```

```
function <parser.name> (input) {
 <superClass; null="antlr4.Parser">.call(this, input);
  this._interp = new antlr4.atn.ParserATNSimulator(this, atn, decisionsToDFA, sharedContextCache);
  this.ruleNames = ruleNames;
  this.literalNames = literalNames;
  this.symbolicNames = symbolicNames;
 <namedActions.members>
  return this;
}

<parser.name>.prototype = Object.create(<superClass; null="antlr4.Parser">.prototype);
<parser.name>.prototype.constructor = <parser.name>;

Object.defineProperty(<parser.name>.prototype, "atn", {
 get : function() {
  return atn;
 }
});

<parser.name>.EOF = antlr4.Token.EOF;
<if(parser.tokens)>
<parser.tokens:{k | <parser.name>.<k> = <parser.tokens.(k)>;}; separator="\n", wrap, anchor>
<endif>

<parser.rules:{r | <parser.name>.RULE_<r.name> = <r.index>;};
 separator="\n", wrap, anchor>

<funcs; separator="\n">

<if(sempredFuncs)>
<parser.name>.prototype.sempred = function(localctx, ruleIndex, predIndex) {
 switch(ruleIndex) {
 <parser.sempredFuncs.values:{f | case <f.ruleIndex>:
  return this.<f.name>_sempred(localctx, predIndex);}; separator="\n">
  default:
     throw "No predicate with index:" + ruleIndex;
 }
};

<sempredFuncs.values; separator="\n">
<endif>

exports.<parser.name> = <parser.name>;

>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
```

```
<lexer.name>.prototype.action = function(localctx, ruleIndex, actionIndex) {
 switch (ruleIndex) {
 <recog.actionFuncs.values:{f|
case <f.ruleIndex>:
 this.<f.name>_action(localctx, actionIndex);
 break;}; separator="\n">
 default:
  throw "No registered action for:" + ruleIndex;
 }
};

<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
<lexer.name>.prototype.sempred = function(localctx, ruleIndex, predIndex) {
 switch (ruleIndex) {
  <recog.sempredFuncs.values:{f|
case <f.ruleIndex>:
 return this.<f.name>_sempred(localctx, predIndex);}; separator="\n">
   default:
    throw "No registered predicate for:" + ruleIndex;
   }
};

<sempredFuncs.values; separator="\n">
<endif>
>>


/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<

<lexer.name>.prototype.<r.name>_action = function(localctx , actionIndex) {
 switch (actionIndex) {
 <actions:{index|
case <index>:
 <actions.(index)>
 break;}; separator="\n">
 default:
  throw "No registered action for:" + actionIndex;
 }
};
>>


/* This generates a private method since the predIndex is generated, making an
* overriding implementation impossible to maintain.
```

```
*/
RuleSempredFunction(r, actions) ::= <<
<if (r.factory.g.lexer)><lexer.name><else><parser.name><endif>.prototype.<r.name>_sempred = function(localctx,
predIndex) {
 switch(predIndex) {
  <actions:{index|
 case <index>:
 return <actions.(index)>;}; separator="\n">
  default:
   throw "No predicate with index:" + predIndex;
 }
};

>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<ruleCtx>

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<! Define fields of this parser to export the context classes !>
<parser.name>.<currentRule.ctxType> = <currentRule.ctxType>;

<parser.name>.prototype.<currentRule.name> = function(<currentRule.args:{a | <a.name>}; separator=", ">) {

    var localctx = new <currentRule.ctxType>(this, this._ctx, this.state<currentRule.args:{a | , <a.name>}>);
    this.enterRule(localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>);
    <namedActions.init>
    <locals; separator="\n">
    try {
        <code>
        <postamble; separator="\n">
        <namedActions.after>
    <if(exceptions)>
    <exceptions; separator="\n">
    <else>
    } catch (re)
{
    if(re instanceof antlr4.error.RecognitionException) {
        localctx.exception = re;
        this._errHandler.reportError(this, re);
        this._errHandler.recover(this, re);
    } else {
     throw re;
    }
  }<endif> finally {
```

```
        <finallyAction>
        this.exitRule();
    }
    return localctx;
};

>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<parser.name>.prototype.<currentRule.name> = function(_p<if(currentRule.args)>, <args:{a | , <a>}><endif>) {
 if(_p===undefined) {
     _p = 0;
 }
   var _parentctx = this._ctx;
   var _parentState = this.state;
   var localctx = new <currentRule.ctxType>(this, this._ctx, _parentState<args:{a | , <a.name>}>);
   var _prevctx = localctx;
   var _startState = <currentRule.startState>;
   this.enterRecursionRule(localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>,
 _p);
   <namedActions.init>
   <locals; separator="\n">
   try {
       <code>
       <postamble; separator="\n">
       <namedActions.after>
   } catch( error) {
       if(error instanceof antlr4.error.RecognitionException) {
         localctx.exception = error;
         this._errHandler.reportError(this, error);
         this._errHandler.recover(this, error);
     } else {
       throw error;
     }
   } finally {
       <finallyAction>
       this.unrollRecursionContexts(_parentctx)
   }
   return localctx;
};

>>
```

```
CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>localctx = new <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(this, localctx);<endif>
this.enterOuterAlt(localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>


CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<locals;
 separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>


LL1AltBlock(choice, preamble, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = this._input.LT(1);<endif>
<preamble; separator="\n">
switch(this._input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
  <alt>
  break;}; separator="\n">
default:
  <error>
}
>>


LL1OptionalBlock(choice, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
switch (this._input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n">
default:
 <error>
}
>>


LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<preamble; separator="\n">
if(<expr>) {
  <alts; separator="\n">
}
```

```
<!else if ( !(<followExpr>) ) <error>!>
>>


LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble,
 iteration) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<preamble; separator="\n">
while(<loopExpr>) {
  <alts; separator="\n">
  this.state = <choice.loopBackStateNumber>;
  this._errHandler.sync(this);
  <iteration>
}
>>


LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
this.state = <choice.blockStartStateNumber>; <! alt block decision !>
this._errHandler.sync(this);
<preamble; separator="\n">
do {
  <alts; separator="\n">
  this.state = <choice.stateNumber>; <! loopback/exit decision !>
  this._errHandler.sync(this);
  <iteration>
} while(<loopExpr>);
>>


// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
var la_ = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
switch(la_) {
<alts:{alt |
case <i>:
  <alt>
  break;
}; separator="\n">
}
>>


OptionalBlock(choice,
 alts, error) ::= <<
this.state = <choice.stateNumber>;
```

```
this._errHandler.sync(this);
var la_ = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
<alts:{alt |
if(la_===<i><if(!choice.ast.greedy)>+1<endif>) {
  <alt>
}; separator="\n} else ">
}
>>


StarBlock(choice, alts, sync, iteration) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
var _alt = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx)
while(_alt!=<choice.exitAlt> && _alt!=antlr4.atn.ATN.INVALID_ALT_NUMBER) {
  if(_alt===1<if(!choice.ast.greedy)>+1<endif>) {
     <iteration>
     <alts> <! should only be one !>
  }
  this.state = <choice.loopBackStateNumber>;
  this._errHandler.sync(this);
  _alt = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
}

>>


PlusBlock(choice, alts, error) ::= <<
this.state = <choice.blockStartStateNumber>; <! alt block decision !>
this._errHandler.sync(this);
var
 _alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
 switch (_alt) {
 <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break;}; separator="\n">
 default:
  <error>
 }
 this.state = <choice.loopBackStateNumber>; <! loopback/exit decision !>
 this._errHandler.sync(this);
 _alt = this._interp.adaptivePredict(this._input,<choice.decision>, this._ctx);
} while ( _alt!=<choice.exitAlt> && _alt!=antlr4.atn.ATN.INVALID_ALT_NUMBER );
>>


Sync(s) ::= "sync(<s.expecting.name>)"

ThrowNoViableAlt(t) ::= "throw new antlr4.error.NoViableAltException(this);"
```

```
TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">
>>

// Javascript language spec - shift operators are 32 bits long max
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x1f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName,
 bits.shift)>})> && ((1 \<\< <offsetShiftVar(s.varName, bits.shift)>) & (<bits.ttypes:{ttype | (1 \<\<
<offsetShiftType(ttype, bits.shift)>)}; separator=" | ">)) !== 0)
%>

isZero ::= [
"0":true,
default:false
]

offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

offsetShiftType(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<parser.name>.<shiftAmount> - <offset>)<else><parser.name>.<shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>===<parser.name>.<ttype>}; separator=" || ">
%>

cases(ttypes) ::= <<
<ttypes:{t | case <parser.name>.<t>:}; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
this.state = <r.stateNumber>;
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif>this.<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChu
nks>);
>>

MatchToken(m)
```

```
 ::= <<
this.state = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>this.match(<parser.name>.<m.name>);
>>


MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"


MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"


CommonSetStuff(m, expr, capture, invert) ::= <<
this.state = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }>this._input.LT(1);<endif>
<capture>
<if(invert)>if(<m.varName>\<=0 || <expr>)<else>if(!(<expr>))<endif> {
   <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>this._errHandler.recoverInline(this);
}
else {
 this._errHandler.reportMatch(this);
   this.consume();
}
>>


Wildcard(w) ::= <<
this.state = <w.stateNumber>;
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>matchWildcard();
>>


// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"


ArgAction(a, chunks) ::= "<chunks>"


SemPred(p, chunks, failChunks) ::= <<
this.state
 = <p.stateNumber>;
if (!( <chunks>)) {
   throw new antlr4.error.FailedPredicateException(this, <p.predicate><if(failChunks)>,
<failChunks><elseif(p.msg)>, <p.msg><endif>);
}
>>


ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>
```

// lexer actions are not associated with model objects

```
LexerSkipCommand()  ::= "this.skip()"
LexerMoreCommand()  ::= "this.more()"
LexerPopModeCommand() ::= "this.popMode()"
LexerTypeCommand(arg, grammar)      ::= "this._type = <arg>"
LexerChannelCommand(arg, grammar)   ::= "this._channel = <arg>"
LexerModeCommand(arg, grammar)      ::= "this._mode = <arg>"
LexerPushModeCommand(arg, grammar)  ::= "this.pushMode(<arg>)"


ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a) ::= "localctx.<a.name>"
RetValueRef(a) ::= "localctx.<a.name>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t)
 ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"


TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"


TokenPropertyRef_text(t) ::= "(<ctx(t)>.<t.label>===null ? null : <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.type)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : parseInt(<ctx(t)>.<t.label>.text))"


RulePropertyRef_start(r) ::= "(<ctx(r)>.<r.label>===null ? null : <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r)
 ::= "(<ctx(r)>.<r.label>===null ? null : <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r)  ::= "(<ctx(r)>.<r.label>===null ? null : this._input.getText(new
antlr4.Interval(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop)))"
RulePropertyRef_ctx(r)  ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r)  ::= "this"


ThisRulePropertyRef_start(r) ::= "localctx.start"
ThisRulePropertyRef_stop(r)  ::= "localctx.stop"
ThisRulePropertyRef_text(r)  ::= "this._input.getText(new antlr4.Interval(localctx.start, this._input.LT(-1)))"
ThisRulePropertyRef_ctx(r)  ::= "localctx"
ThisRulePropertyRef_parser(r)  ::= "this"
```

```
NonLocalAttrRef(s)      ::= "getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::= "getInvokingContext(<s.ruleIndex>).<s.name> = <rhsChunks>"


AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.push(<labelref(a.label)>);"


TokenDecl(t) ::= "this.<t.name> = null; // <TokenLabelType()>"
TokenTypeDecl(t) ::= "var <t.name>
 = 0; // <TokenLabelType()> type"
TokenListDecl(t) ::= "this.<t.name> = []; // of <TokenLabelType()>s"
RuleContextDecl(r) ::= "this.<r.name> = null; // <r.ctxName>"
RuleContextListDecl(rdecl) ::= "this.<rdecl.name> = []; // of <rdecl.ctxName>s"


ContextTokenGetterDecl(t)      ::= <<
<t.name> = function() {
   return this.getToken(<parser.name>.<t.name>, 0);
};
>>


// should never be called
ContextTokenListGetterDecl(t)  ::= <<
def <t.name>_list(self):
   return self.getTokens(<parser.name>.<t.name>)
>>


ContextTokenListIndexedGetterDecl(t)  ::= <<
<t.name> = function(i) {
 if(i===undefined) {
 i = null;
 }
  if(i===null) {
     return this.getTokens(<parser.name>.<t.name>);
  } else {
     return this.getToken(<parser.name>.<t.name>, i);
  }
};


>>


ContextRuleGetterDecl(r)        ::= <<
<r.name> = function() {
   return this.getTypedRuleContext(<r.ctxName>,0);
};
>>


// should never be called
ContextRuleListGetterDecl(r)   ::= <<
def <r.name>_list(self):
   return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)
```

```
>>

ContextRuleListIndexedGetterDecl(r)
  ::= <<
<r.name> = function(i) {
  if(i===undefined) {
    i = null;
  }
  if(i===null) {
    return this.getTypedRuleContexts(<r.ctxName>);
  } else {
    return this.getTypedRuleContext(<r.ctxName>,i);
  }
};
>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)     ::= "_tset<id>"
ListLabelName(label)     ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = this._input.LA(1);"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers) ::= <<
function <struct.name>(parser, parent, invokingState<struct.ctorAttrs:{a | , <a.name>}>) {
 if(parent===undefined)
 {
    parent = null;
 }
 if(invokingState===undefined || invokingState===null) {
 invokingState = -1;
 }
 <if(contextSuperClass)><contextSuperClass><else>antlr4.ParserRuleContext<endif>.call(this, parent,
invokingState);
  this.parser = parser;
  this.ruleIndex = <parser.name>.RULE_<struct.derivedFromName>;
  <attrs:{a | <a>};  separator="\n">
  <struct.ctorAttrs:{a | this.<a.name> = <a.name> || null;};  separator="\n">
  return this;
```

```
}

<struct.name>.prototype =
Object.create(<if(contextSuperClass)><contextSuperClass><else>antlr4.ParserRuleContext<endif>.prototype);
<struct.name>.prototype.constructor = <struct.name>;

<getters:{g | <struct.name>.prototype.<g>}; separator="\n\n">

<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
<struct.name>.prototype.copyFrom = function(ctx) {
<if(contextSuperClass)><contextSuperClass><else>antlr4.ParserRuleContext<endif>.prototype.copyFrom.call(this,
ctx);
   <struct.attrs:{a | this.<a.name> = ctx.<a.name>;};
 separator="\n">
};
<endif>
<dispatchMethods; separator="\n">
<extensionMembers; separator="\n">

>>

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
function <struct.name>(parser, ctx) {
 <currentRule.name; format="cap">Context.call(this, parser);
   <attrs:{a | <a>;}; separator="\n">
   <currentRule.name; format="cap">Context.prototype.copyFrom.call(this, ctx);
   return this;
}

<struct.name>.prototype = Object.create(<currentRule.name; format="cap">Context.prototype);
<struct.name>.prototype.constructor = <struct.name>;

<! Define fields of this parser to export this struct/context class !>
<parser.name>.<struct.name> = <struct.name>;

<getters:{g | <struct.name>.prototype.<g>}; separator="\n\n">
<dispatchMethods; separator="\n">

>>

ListenerDispatchMethod(method) ::= <<
<struct.name>.prototype.<if(method.isEnter)>enter<else>exit<endif>Rule = function(listener) {
   if(listener instanceof <parser.grammarName>Listener ) {
      listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName;
 format="cap">(this);
 }
};
```

```
>>

VisitorDispatchMethod(method) ::= <<
<struct.name>.prototype.accept = function(visitor) {
  if ( visitor instanceof <parser.grammarName>Visitor ) {
    return visitor.visit<struct.derivedFromName; format="cap">(this);
  } else {
    return visitor.visitChildren(this);
  }
};

>>

AttributeDecl(d) ::= "this.<d.name> = <if(d.initValue)><d.initValue><else>null<endif>"

/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "localctx"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)  ::= "this.precpred(this._ctx, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>"
recRuleSetStopToken()             ::= "this._ctx.stop = this._input.LT(-1);"

recRuleAltStartAction(ruleName, ctxName,
 label) ::= <<
localctx = new <ctxName>Context(this, _parentctx, _parentState);
<if(label)>localctx.<label> = _prevctx;<endif>
this.pushNewRecursionContext(localctx, _startState, <parser.name>.RULE_<ruleName>);
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
localctx = new <currentAltLabel; format="cap">Context(this, new <ruleName; format="cap">Context(this,
_parentctx, _parentState));
<if(label)>
<if(isListLabel)>
localctx.<label>.push(_prevctx);
<else>
localctx.<label> = _prevctx;
<endif>
<endif>
this.pushNewRecursionContext(localctx, _startState, <parser.name>.RULE_<ruleName>);
>>

recRuleReplaceContext(ctxName) ::= <<
localctx = new <ctxName>Context(this, localctx);
```

```
this._ctx = localctx;
_prevctx = localctx;
>>

recRuleSetPrevCtx() ::= <<
if(this._parseListeners!==null) {
   this.triggerExitRuleEvent();
}
_prevctx = localctx;
>>


LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
var
 antlr4 = require('antlr4/index');

<namedActions.header>

<lexer>

>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<

<atn>

var atn = new antlr4.atn.ATNDeserializer().deserialize(serializedATN);

var decisionsToDFA = atn.decisionToState.map( function(ds, index) { return new antlr4.dfa.DFA(ds, index); });

function <lexer.name>(input) {
 <if(superClass)><superClass><else>antlr4.Lexer<endif>.call(this, input);
   this._interp = new antlr4.atn.LexerATNSimulator(this, atn, decisionsToDFA, new
antlr4.PredictionContextCache());
   return this;
}

<lexer.name>.prototype = Object.create(<if(superClass)><superClass><else>antlr4.Lexer<endif>.prototype);
<lexer.name>.prototype.constructor = <lexer.name>;

<lexer.name>.EOF = antlr4.Token.EOF;
<lexer.tokens:{k | <lexer.name>.<k> = <lexer.tokens.(k)>;}; separator="\n", wrap, anchor>

<rest(lexer.modes):{m| <lexer.name>.<m> = <i>;}; separator="\n">

<lexer.name>.prototype.modeNames = [ <lexer.modes:{m| "<m>"}; separator=", ",
```

wrap, anchor>];

<lexer.name>.prototype.literalNames = [<lexer.literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor>];

<lexer.name>.prototype.symbolicNames = [<lexer.symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor>];

<lexer.name>.prototype.ruleNames = [<lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>];

<lexer.name>.prototype.grammarFileName = "<lexer.grammarFileName>";

<namedActions.members>

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>

exports.<lexer.name> = <lexer.name>;

>>

SerializedATN(model) ::= <<
<! only one segment, can be inlined !>

var serializedATN = ["<model.serialized; wrap={",<\n>   "}>"].join("");

>>

/** Using a type to init value map, try to init a type; if not in table
* must be an object, default value is "null".
*/
initValue(typeName) ::= <<
<javaTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".js"

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/tool/templates/codegen/JavaScript/JavaScript.stg
No license file was found, but licenses were detected in source scan.

/*
* [The "BSD license"]
* Copyright (c) 2012-2016 Terence Parr
* Copyright (c) 2012-2016 Sam Harwell
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions

```
/** Find left-recursive rules */
tree grammar LeftRecursiveRuleWalker;

options {
 tokenVocab=ANTLRParser;
   ASTLabelType=GrammarAST;
}

@header {
package org.antlr.v4.parse;

import org.antlr.v4.misc.*;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
}

@members {
private String ruleName;
private int currentOuterAltNumber; // which outer alt of rule?
public
 int numAlts;  // how many alts for this rule total?

public void setAltAssoc(AltAST altTree, int alt) {}
public void binaryAlt(AltAST altTree, int alt) {}
public void prefixAlt(AltAST altTree, int alt) {}
```

```
public void suffixAlt(AltAST altTree, int alt) { }
public void otherAlt(AltAST altTree, int alt) { }
public void setReturnValues(GrammarAST t) { }
}

@rulecatch { }

// TODO: can get parser errors for not matching pattern; make them go away
public
rec_rule returns [boolean isLeftRec]
@init
{
 currentOuterAltNumber = 1;
}
 : ^( r=RULE id=RULE_REF {ruleName=$id.getText();}
   ruleModifier?
//   (ARG_ACTION)? shouldn't allow args, right?
   (^(RETURNS a=ARG_ACTION {setReturnValues($a);}))?
//      ( ^(THROWS .+) )? don't allow
      ( ^(LOCALS ARG_ACTION) )? // TODO: copy these to gen'd code
      ( ^(OPTIONS .*)
      |  ^(AT ID ACTION) // TODO: copy
      )*
   ruleBlock {$isLeftRec = $ruleBlock.isLeftRec;}
   exceptionGroup
 )
;

exceptionGroup
  : exceptionHandler* finallyClause?
  ;

exceptionHandler
 : ^(CATCH ARG_ACTION ACTION)
 ;

finallyClause
 : ^(FINALLY ACTION)
 ;

ruleModifier
  : PUBLIC
  | PRIVATE
  | PROTECTED
  ;

ruleBlock returns [boolean isLeftRec]
@init{boolean lr=false; this.numAlts = $start.getChildCount();}
```

```
: ^( BLOCK
 (
  o=outerAlternative
  {if ($o.isLeftRec) $isLeftRec = true;}
  {currentOuterAltNumber++;}
 )+
)
;
```

/** An alt is either prefix, suffix, binary, or ternary operation or "other" */
```
outerAlternative returns [boolean isLeftRec]
  : (binary)=>       binary
                {binaryAlt((AltAST)$start, currentOuterAltNumber); $isLeftRec=true;}
  | (prefix)=>       prefix
                {prefixAlt((AltAST)$start, currentOuterAltNumber);}
  | (suffix)=>       suffix
                {suffixAlt((AltAST)$start, currentOuterAltNumber); $isLeftRec=true;}
  | nonLeftRecur       {otherAlt((AltAST)$start,  currentOuterAltNumber);}
  ;

binary
 : ^(
 ALT elementOptions? recurse element* recurse epsilonElement* )
     {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
 ;

prefix
 : ^( ALT elementOptions?
   element+
   recurse epsilonElement*
  )
     {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
 ;

suffix
  : ^( ALT elementOptions? recurse element+ )
     {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
  ;

nonLeftRecur
  : ^(ALT elementOptions? element+)
  ;

recurse
 : ^(ASSIGN ID recurseNoLabel)
 | ^(PLUS_ASSIGN ID recurseNoLabel)
 | recurseNoLabel
 ;
```

```
recurseNoLabel : {((CommonTree)input.LT(1)).getText().equals(ruleName)}? RULE_REF;

token returns [GrammarAST t=null]
 : ^(ASSIGN ID s=token {$t = $s.t;})
 | ^(PLUS_ASSIGN ID s=token {$t = $s.t;})
 | b=STRING_LITERAL        {$t = $b;}
  | ^(b=STRING_LITERAL elementOptions)  {$t = $b;}
  | ^(c=TOKEN_REF elementOptions)   {$t = $c;}
 | c=TOKEN_REF          {$t = $c;}
 ;

elementOptions
  : ^(ELEMENT_OPTIONS elementOption*)

 ;

elementOption
  : ID
  |  ^(ASSIGN ID ID)
  |  ^(ASSIGN ID STRING_LITERAL)
  |  ^(ASSIGN ID ACTION)
  |  ^(ASSIGN ID INT)
  ;

element
 : atom
 | ^(NOT element)
 | ^(RANGE atom atom)
 | ^(ASSIGN ID element)
 | ^(PLUS_ASSIGN ID element)
  | ^(SET setElement+)
  |  RULE_REF
 | ebnf
 | epsilonElement
 ;

epsilonElement
 : ACTION
 | SEMPRED
 | EPSILON
 | ^(ACTION elementOptions)
 | ^(SEMPRED elementOptions)
 ;

setElement
 : ^(STRING_LITERAL elementOptions)
 | ^(TOKEN_REF elementOptions)
```

```
   | STRING_LITERAL
   | TOKEN_REF
   ;

ebnf:   block
   |  ^( OPTIONAL block )
   |  ^( CLOSURE block )
   |  ^( POSITIVE_CLOSURE block )
   ;

block
   : ^(BLOCK ACTION? alternative+)
   ;

alternative
 : ^(ALT elementOptions? element+)
   ;

atom
 : ^(RULE_REF ARG_ACTION? elementOptions?)
   |  ^(STRING_LITERAL elementOptions)
 | STRING_LITERAL
   | ^(TOKEN_REF elementOptions)
 | TOKEN_REF
   | ^(WILDCARD elementOptions)
 | WILDCARD
 | ^(DOT ID element)
   ;
```

Found in path(s):

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/LeftRecursiveRuleWalker.g

No license file was found, but licenses were detected in source scan.

```
atn(startState, states, edges, rankdir, decisionRanks, useBox) ::= <<
digraph ATN {
rankdir=LR;
<decisionRanks; separator="\n">
<states; separator="\n">
<edges; separator="\n">
}
>>


dfa(name, startState, states, edges, rankdir, decisionRanks, useBox) ::= <<
digraph <name>  {
<if(rankdir)>rankdir=<rankdir>;<endif>
<decisionRanks; separator="\n">
<states; separator="\n">
<edges;
 separator="\n">
}
>>


decision-rank(states) ::= <<
{rank=same; rankdir=TB; <states:{s | s<s>}; separator="; ">}
>>


edge(src,target,label,arrowhead,transitionIndex) ::= <<
<src><if(transitionIndex)>:p<transitionIndex><endif> -> <target> [fontsize=11, fontname="Courier", arrowsize=.7,
label = "<label>"<if(arrowhead)>, arrowhead = <arrowhead><endif>];
>>


action-edge(src,target,label,arrowhead,transitionIndex) ::= <<
<src><if(transitionIndex)>:p<transitionIndex><endif> -> <target> [fontsize=11, fontname="Courier", arrowsize=.7,
```

```
label = "<label>"<if(arrowhead)>, arrowhead = <arrowhead><endif>];
>>


epsilon-edge(src,label,target,arrowhead,transitionIndex,loopback=false) ::= <<
<src><if(transitionIndex)>:p<transitionIndex><endif> -> <target> [fontname="Times-Italic",
label="&epsilon;"<if(loopback)>, style="dashed"<endif>];
>>


state(state, label, name, transitions) ::= <%
<name>[fontsize=11,
  label="
    <! rest(transition) tests for decision states: these nodes have a non-empty
 set of transitions after the first one. !>
    <if(rest(transitions))>
      {
      <! Label on the left side of the record node. !>
      <label>
      |
      <! Named ports in order on right side of record node, no display text. !>
      {<transitions:{t|\<p<i0>>}; separator="|">}}
    <else>
      <label>
    <endif>
    "
  <if(rest(transitions))>
    , shape=record, fixedsize=false
  <else>
    , shape=circle, fixedsize=true, width=.55
  <endif>
  , peripheries=1];
%>


stopstate(name,label,actionIndex,useBox) ::= <<
<name>[fontsize=11, label="<label><if(actionIndex)>,\naction:<actionIndex><endif>",
<if(useBox)>shape=polygon,sides=4,peripheries=2,fixedsize=false<else>shape=doublecircle, fixedsize=true,
width=.6<endif>];
>>
```

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/templates/dot/graphs.stg
No license file was found, but licenses were detected in source scan.

```
// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<namedActions.header>
using System;
using System.Text;
using System.Diagnostics;
using System.Collections.Generic;
using Antlr4.Runtime;
using
 Antlr4.Runtime.Atn;
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using DFA = Antlr4.Runtime.Dfa.DFA;

<parser>
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
```

```
>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using IParseTreeListener = Antlr4.Runtime.Tree.IParseTreeListener;
using IToken = Antlr4.Runtime.IToken;


/// \<summary>
/// This interface defines a complete listener for a parse tree produced by
/// \<see cref="<csIdentifier.(file.parserName)>"/>.
/// \</summary>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public interface I<file.grammarName>Listener : IParseTreeListener {
 <file.listenerNames:{lname |
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Enter a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in
 \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
/// Enter a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
void Enter<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname; format="cap">Context
context);
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Exit a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
/// Exit a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
void Exit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname; format="cap">Context
context);}; separator="\n">
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>
```

```
BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName,
 file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>

using Antlr4.Runtime.Misc;
using IErrorNode = Antlr4.Runtime.Tree.IErrorNode;
using ITerminalNode = Antlr4.Runtime.Tree.ITerminalNode;
using IToken = Antlr4.Runtime.IToken;
using ParserRuleContext = Antlr4.Runtime.ParserRuleContext;

/// \<summary>
/// This class provides an empty implementation of \<see cref="I<file.grammarName>Listener"/>,
/// which can be extended to create a listener which only needs to handle a subset
/// of the available methods.
/// \</summary>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public partial class <file.grammarName>BaseListener : I<file.grammarName>Listener {
 <file.listenerNames:{lname |
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Enter a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
///
 Enter a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \<para>The default implementation does nothing.\</para>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
public virtual void Enter<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname;
format="cap">Context context) { \}
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Exit a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
/// Exit a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \<para>The default implementation does nothing.\</para>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
public virtual void Exit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname;
```

```
format="cap">Context context) { \}}; separator="\n">

/// \<inheritdoc/>
/// \<remarks>The default implementation does nothing.\</remarks>
public
virtual void EnterEveryRule([NotNull] ParserRuleContext context) { }
/// \<inheritdoc/>
/// \<remarks>The default implementation does nothing.\</remarks>
public virtual void ExitEveryRule([NotNull] ParserRuleContext context) { }
/// \<inheritdoc/>
/// \<remarks>The default implementation does nothing.\</remarks>
public virtual void VisitTerminal([NotNull] ITerminalNode node) { }
/// \<inheritdoc/>
/// \<remarks>The default implementation does nothing.\</remarks>
public virtual void VisitErrorNode([NotNull] IErrorNode node) { }
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>


VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using IToken = Antlr4.Runtime.IToken;

/// \<summary>
/// This interface defines a complete generic visitor for a parse tree produced
/// by \<see
 cref="<csIdentifier.(file.parserName)>"/>.
/// \</summary>
/// \<typeparam name="Result">The return type of the visit operation.\</typeparam>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public interface I<file.grammarName>Visitor\<Result> : IParseTreeVisitor\<Result> {
 <file.visitorNames:{lname |
/// \<summary>
<if(file.visitorLabelRuleNames.(lname))>
/// Visit a parse tree produced by the \<c>\<lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.visitorLabelRuleNames.(lname)>"/>.
<else>
/// Visit a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
```

```
/// \</summary>
/// \<param name="context">The parse tree.\</param>
/// \<return>The visitor result.\</return>
Result Visit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname; format="cap">Context
context);}; separator="\n">
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>

BaseVisitorFile(file, header,
 namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using IToken = Antlr4.Runtime.IToken;
using ParserRuleContext = Antlr4.Runtime.ParserRuleContext;

/// \<summary>
/// This class provides an empty implementation of \<see cref="I<file.grammarName>Visitor{Result}"/>,
/// which can be extended to create a visitor which only needs to handle a subset
/// of the available methods.
/// \</summary>
/// \<typeparam name="Result">The return type of the visit operation.\</typeparam>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public partial class <file.grammarName>BaseVisitor\<Result> : AbstractParseTreeVisitor\<Result>,
I<file.grammarName>Visitor\<Result> {
 <file.visitorNames:{lname |
/// \<summary>
<if(file.visitorLabelRuleNames.(lname))>
/// Visit a parse tree produced by the \<c>\<lname>\</c>
///
 labeled alternative in \<see cref="<file.parserName>.<file.visitorLabelRuleNames.(lname)>"/>.
<else>
/// Visit a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \<para>
/// The default implementation returns the result of calling \<see
cref="AbstractParseTreeVisitor{Result\}.VisitChildren(IRuleNode)"/>
/// on \<paramref name="context"/>.
/// \</para>
/// \</summary>
```

```
/// \<param name="context">The parse tree.\</param>
/// \<return>The visitor result.\</return>
public virtual Result Visit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname;
format="cap">Context context) { return VisitChildren(context); \}}; separator="\n">
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>


fileHeader(grammarFileName, ANTLRVersion) ::= <<
//------------------------------------------------------------------------------
// \<auto-generated>
//     This code was generated by a tool.
//     ANTLR Version: <ANTLRVersion>
//
//     Changes
 to this file may cause incorrect behavior and will be lost if
//     the code is regenerated.
// \</auto-generated>
//------------------------------------------------------------------------------

// Generated from <grammarFileName> by ANTLR <ANTLRVersion>

// Unreachable code detected
#pragma warning disable 0162
// The variable '...' is assigned but its value is never used
#pragma warning disable 0219
// Missing XML comment for publicly visible type or member '...'
#pragma warning disable 1591
// Ambiguous reference in cref attribute
#pragma warning disable 419

>>


Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>


Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public partial class <csIdentifier.(parser.name)> : <superClass; null="Parser"> {
 protected static DFA[] decisionToDFA;
 protected static PredictionContextCache
 sharedContextCache = new PredictionContextCache();
 <if(parser.tokens)>
 public const int
```

```
  <parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator=", ", wrap, anchor>;
<endif>
public const int
 <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>;
public static readonly string[] ruleNames = {
 <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
};

<vocabulary(parser.literalNames, parser.symbolicNames)>

public override string GrammarFileName { get { return "<parser.grammarFileName>"; } }

public override string[] RuleNames { get { return ruleNames; } }

public override string SerializedAtn { get { return _serializedATN; } }

static <csIdentifier.(parser.name)>() {
 decisionToDFA = new DFA[_ATN.NumberOfDecisions];
 for (int i = 0; i \< _ATN.NumberOfDecisions; i++) {
  decisionToDFA[i] = new DFA(_ATN.GetDecisionState(i), i);
 }
}

<namedActions.members>
<parser:(ctor)()>
<funcs; separator="\n">

<if(sempredFuncs)>
 public override
 bool Sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
  switch (ruleIndex) {
  <parser.sempredFuncs.values:{f|
case <f.ruleIndex>: return <f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n">
  }
  return true;
 }
 <sempredFuncs.values; separator="\n">
<endif>

 <atn>
}
>>

vocabulary(literalNames, symbolicNames) ::= <<
private static readonly string[] _LiteralNames = {
 <literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
};
private static readonly string[] _SymbolicNames = {
```

```
  <symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
};
public static readonly IVocabulary DefaultVocabulary = new Vocabulary(_LiteralNames, _SymbolicNames);

[NotNull]
public override IVocabulary Vocabulary
{
 get
 {
  return DefaultVocabulary;
 }
}
>>


dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
public override void Action(RuleContext _localctx, int ruleIndex, int actionIndex) {
 switch (ruleIndex) {
 <recog.actionFuncs.values:{f|
case
 <f.ruleIndex> : <f.name>_action(<if(!recog.modes)>(<f.ctxType>)<endif>_localctx, actionIndex); break;};
separator="\n">
 }
}
<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
public override bool Sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
 switch (ruleIndex) {
 <recog.sempredFuncs.values:{f|
case <f.ruleIndex> : return <f.name>_sempred(<if(!recog.modes)>(<f.ctxType>)<endif>_localctx, predIndex);};
separator="\n">
 }
 return true;
}
<sempredFuncs.values; separator="\n">
<endif>
>>


parser_ctor(parser) ::= <<
public <csIdentifier.(parser.name)>(ITokenStream input)
 : base(input)
{
 Interpreter = new ParserATNSimulator(this, _ATN, decisionToDFA, sharedContextCache);
}
>>

/* This generates a private method since the actionIndex is generated, making an
```

```
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<
private void <r.name>_action(<r.ctxType> _localctx, int actionIndex) {
 switch (actionIndex)
 {
 <actions:{index|
case <index>: <actions.(index)> break;}; separator="\n">
 }
 }
>>


/* This generates a private method since the predIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleSempredFunction(r, actions) ::= <<
private bool <r.name>_sempred(<r.ctxType> _localctx, int predIndex) {
 switch (predIndex) {
 <actions:{index|
case <index>: return <actions.(index)>;}; separator="\n">
 }
 return true;
}
>>


RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<if(ruleCtx)>
<ruleCtx>
<endif>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

[RuleVersion(<namedActions.version; null="0">)]
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public <endif><currentRule.ctxType>
<csIdentifier.(currentRule.name)>(<args; separator=", ">) {
 <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
<csIdentifier.(a.name)>}>);
 EnterRule(_localctx,
 <currentRule.startState>, RULE_<currentRule.name>);
 <namedActions.init>
 <locals; separator="\n">
 try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
```

```
 <namedActions.after>
}
<if(exceptions)>
<exceptions; separator="\n">
<else>
catch (RecognitionException re) {
 _localctx.exception = re;
 ErrorHandler.ReportError(this, re);
 ErrorHandler.Recover(this, re);
}
<endif>
finally {
 <finallyAction>
 ExitRule();
}
return _localctx;
}
>>

LeftFactoredRuleFunction(currentRule,args,code,locals,namedActions,finallyAction,postamble) ::=
<<

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>private <endif><currentRule.ctxType>
<csIdentifier.(currentRule.name)>(<args; separator=", ">) {
 <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
<csIdentifier.(a.name)>}>);
 EnterLeftFactoredRule(_localctx, <currentRule.startState>, RULE_<currentRule.variantOf>);
 <namedActions.init>
 <locals;
 separator="\n">
 try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
}
catch (RecognitionException re) {
 _localctx.exception = re;
 ErrorHandler.ReportError(this, re);
 ErrorHandler.Recover(this, re);
}
finally {
 <finallyAction>
 ExitRule();
}
return _localctx;
```

```
}
>>

// This behaves similar to RuleFunction (enterRule is called, and no adjustments
// are made to the parse tree), but since it's still a variant no context class
// needs to be generated.
LeftUnfactoredRuleFunction(currentRule,args,code,locals,namedActions,finallyAction,postamble) ::=
<<

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>private <endif><currentRule.ctxType>
<csIdentifier.(currentRule.name)>(<args; separator=", ">) {
 <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
<csIdentifier.(a.name)>}>);
 EnterRule(_localctx,
 <currentRule.startState>, RULE_<currentRule.variantOf>);
 <namedActions.init>
 <locals; separator="\n">
 try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
 }
 catch (RecognitionException re) {
 _localctx.exception = re;
 ErrorHandler.ReportError(this, re);
 ErrorHandler.Recover(this, re);
 }
 finally {
 <finallyAction>
 ExitRule();
 }
 return _localctx;
}
>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

[RuleVersion(<namedActions.version; null="0">)]
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public <endif><currentRule.ctxType>
<csIdentifier.(currentRule.name)>(<args; separator=", ">) {
```

```
return <csIdentifier.(currentRule.name)>(0<currentRule.args:{a | , <csIdentifier.(a.name)>}>);
}


private <currentRule.ctxType> <csIdentifier.(currentRule.name)>(int
_p<args:{a | , <a>}>) {
ParserRuleContext _parentctx = Context;
int _parentState = State;
<currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, _parentState<currentRule.args:{a | ,
<csIdentifier.(a.name)>}>);
<currentRule.ctxType> _prevctx = _localctx;
int _startState = <currentRule.startState>;
EnterRecursionRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>, _p);
<namedActions.init>
<locals; separator="\n">
try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
 }
catch (RecognitionException re) {
 _localctx.exception = re;
 ErrorHandler.ReportError(this, re);
 ErrorHandler.Recover(this, re);
 }
finally {
 <finallyAction>
 UnrollRecursionContexts(_parentctx);
 }
 return _localctx;
}
>>


CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = new <currentOuterMostAltCodeBlock.altLabel;
 format="cap">Context(_localctx);<endif>
EnterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>


CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
{
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
}
```

```
>>

LL1AltBlock(choice, preamble, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<if(choice.label)><labelref(choice.label)> = TokenStream.LT(1);<endif>
<preamble; separator="\n">
switch (TokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n">
default:
 <error>
}
>>


LL1OptionalBlock(choice, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
switch (TokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n">
default:
 <error>
}
>>


LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr)
 ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<preamble; separator="\n">
if (<expr>) {
 <alts; separator="\n">
}
<!else if ( !(<followExpr>) ) <error>!>
>>


LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<preamble; separator="\n">
while (<loopExpr>) {
 <alts; separator="\n">
 State = <choice.loopBackStateNumber>;
 ErrorHandler.Sync(this);
 <iteration>
```

```
}
>>


LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
State = <choice.blockStartStateNumber>;<! alt block decision !>
ErrorHandler.Sync(this);
<preamble; separator="\n">
do {
 <alts; separator="\n">
 State = <choice.stateNumber>;<! loopback/exit decision !>
 ErrorHandler.Sync(this);
 <iteration>
} while ( <loopExpr> );
>>


// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<if(choice.label)><labelref(choice.label)> = TokenStream.LT(1);<endif>
<preamble;
 separator="\n">
switch ( Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context) ) {
<alts:{alt |
case <i>:
 <alt>
 break;}; separator="\n">
}
>>


OptionalBlock(choice, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
switch ( Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context) ) {
<alts:{alt |
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break;}; separator="\n">
}
>>


StarBlock(choice, alts, sync, iteration) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
_alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);
while ( _alt!=<choice.exitAlt> && _alt!=global::Antlr4.Runtime.Atn.ATN.INVALID_ALT_NUMBER ) {
 if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {
```

```
 <iteration>
 <alts> <! should only be one !>
 }
 State = <choice.loopBackStateNumber>;
 ErrorHandler.Sync(this);
 _alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);
 }
>>


PlusBlock(choice, alts, error) ::= <<
State
 = <choice.blockStartStateNumber>;<! alt block decision !>
ErrorHandler.Sync(this);
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
 switch (_alt) {
 <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break;}; separator="\n">
 default:
  <error>
 }
 State = <choice.loopBackStateNumber>;<! loopback/exit decision !>
 ErrorHandler.Sync(this);
 _alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);
} while ( _alt!=<choice.exitAlt> && _alt!=global::Antlr4.Runtime.Atn.ATN.INVALID_ALT_NUMBER );
>>


Sync(s) ::= "Sync(<s.expecting.name>);"


ThrowNoViableAlt(t) ::= "throw new NoViableAltException(this);"


TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">
>>


// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>


// produces
 smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((1L \<\< <offsetShift(s.varName, bits.shift)>) &
(<bits.ttypes:{ttype | (1L \<\< <offsetShift(tokenType.(ttype), bits.shift)>)}; separator=" | ">)) != 0)
```

```
%>

isZero ::= [
"0":true,
default:false
]

offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<tokenType.(ttype)>}; separator=" || ">
%>

cases(ttypes) ::= <<
<ttypes:{t | case <tokenType.(t)>:}; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
State = <r.stateNumber>; <if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif><csIdentifier.(r.name)>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><arg
ExprsChunks>);
>>

MatchToken(m)
 ::= <<
State = <m.stateNumber>; <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>Match(<tokenType.(m.name)>);
>>

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::= <<
State = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }>TokenStream.LT(1);<endif>
<capture>
if ( <if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr>) ) {
 <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>ErrorHandler.RecoverInline(this);
}
else {
 ErrorHandler.ReportMatch(this);
  Consume();
}
>>
```

```
Wildcard(w) ::= <<
State = <w.stateNumber>;
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>MatchWildcard();
>>
```

// ACTION STUFF

```
Action(a, foo, chunks) ::= "<chunks>"
```

```
ArgAction(a, chunks) ::= "<chunks>"
```

```
SemPred(p, chunks, failChunks) ::= <<
State = <p.stateNumber>;
if (!(<chunks>)) throw new FailedPredicateException(this, <p.predicate><if(failChunks)>,
 <failChunks><elseif(p.msg)>, <p.msg><endif>);
>>
```

```
ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>
```

// lexer actions are not associated with model objects

```
LexerSkipCommand()  ::= "Skip();"
LexerMoreCommand()  ::= "More();"
LexerPopModeCommand() ::= "PopMode();"
```

```
LexerTypeCommand(arg, grammar)      ::= "_type = <tokenType.(arg)>;"
LexerChannelCommand(arg, grammar)   ::= "_channel = <channelName.(arg)>;"
LexerModeCommand(arg, grammar)      ::= "_mode = <modeName.(arg)>;"
LexerPushModeCommand(arg, grammar) ::= "PushMode(<modeName.(arg)>);"
```

```
ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "_localctx.<csIdentifier.(a.name)>"
LocalRef(a) ::= "_localctx.<csIdentifier.(a.name)>"
RetValueRef(a) ::= "_localctx.<csIdentifier.(a.name)>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<csIdentifier.(a.name)>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<csIdentifier.(tokenType.(t.name))>"
LabelRef(t)
 ::= "<ctx(t)>.<csIdentifier.(t.name)>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(csIdentifier.(t.name))>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<csIdentifier.(s.name)> = <rhsChunks>;"
```

```
TokenLabelType() ::= "<file.TokenLabelType; null={IToken}>"
```

```
InputSymbolType() ::= "<file.InputSymbolType; null={IToken}>"

TokenPropertyRef_text(t) ::= "(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Text:null)"
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Type:0)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Line:0)"
TokenPropertyRef_pos(t) ::=
"(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.CharPositionInLine:0)"
TokenPropertyRef_channel(t) ::=
"(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Channel:0)"
TokenPropertyRef_index(t) ::=
"(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.TokenIndex:0)"
TokenPropertyRef_int(t)
 ::= "(<ctx(t)>.<tokenType.(t.label)>!=null?int.Parse(<ctx(t)>.<tokenType.(t.label)>.Text):0)"

RulePropertyRef_start(r) ::= "(<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.Start):null)"
RulePropertyRef_stop(r)  ::= "(<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.Stop):null)"
RulePropertyRef_text(r)  ::=
"(<ctx(r)>.<r.label>!=null?TokenStream.GetText(<ctx(r)>.<r.label>.Start,<ctx(r)>.<r.label>.Stop):null)"
RulePropertyRef_ctx(r)  ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r)  ::= "this"

ThisRulePropertyRef_start(r) ::= "_localctx.Start"
ThisRulePropertyRef_stop(r)  ::= "_localctx.Stop"
ThisRulePropertyRef_text(r)  ::= "TokenStream.GetText(_localctx.Start, TokenStream.LT(-1))"
ThisRulePropertyRef_ctx(r)  ::= "_localctx"
ThisRulePropertyRef_parser(r)  ::= "this"

NonLocalAttrRef(s)   ::= <%((<s.ruleName;
format="cap">Context)GetInvokingContext(<s.ruleIndex>)).<csIdentifier.(s.name)>%>
SetNonLocalAttr(s, rhsChunks)   ::=
 <%((<s.ruleName; format="cap">Context)GetInvokingContext(<s.ruleIndex>)).<csIdentifier.(s.name)>
 = <rhsChunks>;%>

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.Add(<labelref(a.label)>);"

TokenDecl(t) ::= "<TokenLabelType()> <csIdentifier.(tokenType.(t.name))>"
TokenTypeDecl(t) ::= "int <csIdentifier.(tokenType.(t.name))>;"
TokenListDecl(t) ::= "IList\<IToken> <csIdentifier.(tokenType.(t.name))> = new List\<IToken>()"
RuleContextDecl(r) ::= "<r.ctxName> <csIdentifier.(r.name)>"
RuleContextListDecl(rdecl) ::= "IList\<<rdecl.ctxName>> <csIdentifier.(rdecl.name)> = new
List\<<rdecl.ctxName>>()"

contextGetterCollection(elementType) ::= <%
<elementType>[]
%>

ContextTokenGetterDecl(t)     ::=
  "public ITerminalNode <csIdentifier.(tokenType.(t.name))>() { return
```

```
GetToken(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>, 0); }"
ContextTokenListGetterDecl(t)  ::= <<
public <contextGetterCollection("ITerminalNode")> <csIdentifier.(tokenType.(t.name))>() { return
GetTokens(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>);
 }
>>
ContextTokenListIndexedGetterDecl(t)  ::= <<
public ITerminalNode <csIdentifier.(tokenType.(t.name))>(int i) {
 return GetToken(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>, i);
}
>>
ContextRuleGetterDecl(r)      ::= <<
public <r.ctxName> <csIdentifier.(r.name)>() {
 return GetRuleContext\<<r.ctxName>\>(0);
}
>>
ContextRuleListGetterDecl(r)   ::= <<
public <contextGetterCollection({<r.ctxName>})> <csIdentifier.(r.name)>() {
 return GetRuleContexts\<<r.ctxName>\>();
}
>>
ContextRuleListIndexedGetterDecl(r)   ::= <<
public <r.ctxName> <csIdentifier.(r.name)>(int i) {
 return GetRuleContext\<<r.ctxName>\>(i);
}
>>


LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
* r becomes rContext.
*/
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenType.(tokenName)>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)    ::= "_tset<id>"
ListLabelName(label)
 ::= "_<label>"

CaptureNextToken(d) ::= "<d.varName> = TokenStream.LT(1);"
CaptureNextTokenType(d) ::= "<d.varName> = TokenStream.LA(1);"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers,
       superClass={ParserRuleContext}) ::= <<
public partial class <struct.name> :
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)>, <interfaces;
separator=", "><endif> {
```

```
 <attrs:{a | public <a>;}; separator="\n">
 <getters:{g | <g>}; separator="\n">
 <if(ctorAttrs)>public <struct.name>(ParserRuleContext parent, int invokingState) : base(parent, invokingState) {
}<endif>
 public <struct.name>(ParserRuleContext parent, int invokingState<ctorAttrs:{a | , <a>}>)
 : base(parent, invokingState)
 {
 <struct.ctorAttrs:{a | this.<csIdentifier.(a.name)> = <csIdentifier.(a.name)>;}; separator="\n">
 }
 public override int RuleIndex { get { return RULE_<struct.derivedFromName>; } }
<if(struct.provideCopyFrom)> <! don't
 need copy unless we have subclasses !>
 public <struct.name>() { }
 public virtual void CopyFrom(<struct.name> context) {
  base.CopyFrom(context);
 <struct.attrs:{a | this.<csIdentifier.(a.name)> = context.<csIdentifier.(a.name)>;}; separator="\n">
 }
<endif>
 <dispatchMethods; separator="\n">
 <extensionMembers; separator="\n">
 }
 >>


AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
public partial class <struct.name> : <currentRule.name; format="cap">Context {
 <attrs:{a | public <a>;}; separator="\n">
 <getters:{g | <g>}; separator="\n">
 public <struct.name>(<currentRule.name; format="cap">Context context) { CopyFrom(context); }
 <dispatchMethods; separator="\n">
 }
 >>


ListenerDispatchMethod(method) ::= <<
public override void <if(method.isEnter)>Enter<else>Exit<endif>Rule(IParseTreeListener listener) {
 I<parser.grammarName>Listener typedListener = listener as I<parser.grammarName>Listener;
 if (typedListener != null) typedListener.<if(method.isEnter)>Enter<else>Exit<endif><struct.derivedFromName;
 format="cap">(this);
 }
 >>


VisitorDispatchMethod(method) ::= <<
public override TResult Accept\<TResult>(IParseTreeVisitor\<TResult> visitor) {
 I<parser.grammarName>Visitor\<TResult> typedVisitor = visitor as I<parser.grammarName>Visitor\<TResult>;
 if (typedVisitor != null) return typedVisitor.Visit<struct.derivedFromName; format="cap">(this);
 else return visitor.VisitChildren(this);
 }
 >>
```

```
AttributeDecl(d) ::= "<d.type> <csIdentifier.(d.name)><if(d.initValue)> = <d.initValue><endif>"


/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)><typedContext(x.ctx)>.<endif><csIdentifier.(x.name)>"


/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "<typedContext(actionChunk.ctx)>"


// only casts _localctx to the type when the cast isn't redundant (i.e. to a sub-context for a labeled alt)
typedContext(ctx) ::= "<if(ctx.provideCopyFrom)>((<ctx.name>)_localctx)<else>_localctx<endif>"


//
 used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)  ::= "Precpred(Context, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>;"
recRuleSetStopToken()              ::= "Context.Stop = TokenStream.LT(-1);"


recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
_localctx = new <ctxName>Context(_parentctx, _parentState);
<if(label)>
<if(isListLabel)>
_localctx.<label>.Add(_prevctx);
<else>
_localctx.<label> = _prevctx;
<endif>
<endif>
PushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>


recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
_localctx = new <currentAltLabel; format="cap">Context(new <ruleName; format="cap">Context(_parentctx,
_parentState));
<if(label)>
<if(isListLabel)>
((<currentAltLabel; format="cap">Context)_localctx).<label>.Add(_prevctx);
<else>
((<currentAltLabel; format="cap">Context)_localctx).<label> = _prevctx;
<endif>
<endif>
PushNewRecursionContext(_localctx,
 _startState, RULE_<ruleName>);
>>


recRuleReplaceContext(ctxName) ::= <<
_localctx = new <ctxName>Context(_localctx);
Context = _localctx;
_prevctx = _localctx;
>>
```

```
recRuleSetPrevCtx() ::= <<
if ( ParseListeners!=null )
 TriggerExitRuleEvent();
_prevctx = _localctx;
>>


LexerFile(file, lexer, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<namedActions.header>
using System;
using System.Text;
using Antlr4.Runtime;
using Antlr4.Runtime.Atn;
using Antlr4.Runtime.Misc;
using DFA = Antlr4.Runtime.Dfa.DFA;

<lexer>
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public partial class <csIdentifier.(lexer.name)> : <superClass; null="Lexer"> {
 protected static DFA[] decisionToDFA;
 protected static PredictionContextCache
 sharedContextCache = new PredictionContextCache();
 public const int
  <lexer.tokens:{k | <tokenType.(k)>=<lexer.tokens.(k)>}; separator=", ", wrap, anchor>;
<if(lexer.channels)>
 public const int
  <lexer.channels:{k | <csIdentifier.(k)>=<lexer.channels.(k)>}; separator=", ", wrap, anchor>;
<endif>
 <rest(lexer.modes):{m| public const int <modeName.(m)> = <i>;}; separator="\n">
 public static string[] modeNames = {
  <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor>
 };

 public static readonly string[] ruleNames = {
  <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
 };
```

```
<namedActions.members>

public <csIdentifier.(lexer.name)>(ICharStream input)
 : base(input)
{
 Interpreter = new LexerATNSimulator(this, _ATN, decisionToDFA, sharedContextCache);
}

<vocabulary(lexer.literalNames, lexer.symbolicNames)>

public override string GrammarFileName { get { return "<lexer.grammarFileName>"; } }

public override string[] RuleNames { get { return ruleNames;
} }

public override string[] ModeNames { get { return modeNames; } }

public override string SerializedAtn { get { return _serializedATN; } }

static <csIdentifier.(lexer.name)>() {
 decisionToDFA = new DFA[_ATN.NumberOfDecisions];
 for (int i = 0; i \< _ATN.NumberOfDecisions; i++) {
  decisionToDFA[i] = new DFA(_ATN.GetDecisionState(i), i);
 }
}
<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>
}
>>


SerializedATN(model) ::= <<
private static string _serializedATN = _serializeATN();
private static string _serializeATN()
{
  StringBuilder sb = new StringBuilder();
  sb.Append("<model.serialized; wrap={");<\n><\t>sb.Append("}>");
  return sb.ToString();
}

public static readonly ATN _ATN =
 new ATNDeserializer().Deserialize(_serializedATN.ToCharArray());


>>

initValue(typeName) ::= <<
```

```
default(<typeName>)
>>

codeFileExtension() ::= ".cs"

modeName ::= [
 "DEFAULT_MODE" : "DefaultMode",
 default : key
]

channelName ::= [
 "HIDDEN" : "Hidden",
 "DEFAULT_TOKEN_CHANNEL"
 : "DefaultTokenChannel",
 default : key
]

tokenType ::= [
 "EOF" : "Eof",
 default : key
]

csIdentifier ::= [
 "abstract" : "@abstract",
 "as" : "@as",
 "base" : "@base",
 "bool" : "@bool",
 "break" : "@break",
 "byte" : "@byte",
 "case" : "@case",
 "catch" : "@catch",
 "char" : "@char",
 "checked" : "@checked",
 "class" : "@class",
 "const" : "@const",
 "continue" : "@continue",
 "decimal" : "@decimal",
 "default" : "@default",
 "delegate" : "@delegate",
 "do" : "@do",
 "double" : "@double",
 "else" : "@else",
 "enum" : "@enum",
 "event" : "@event",
 "explicit" : "@explicit",
 "extern" : "@extern",
 "false" : "@false",
 "finally" : "@finally",
```

```
"fixed" : "@fixed",
"float" : "@float",
"for" : "@for",
"foreach" : "@foreach",
"goto" : "@goto",
"if" : "@if",
"implicit" : "@implicit",
"in" : "@in",
"int" : "@int",
"interface" : "@interface",
"internal" : "@internal",
"is" : "@is",
"lock" : "@lock",
"long" : "@long",
"namespace" : "@namespace",
"new" : "@new",
"null"
: "@null",
"object" : "@object",
"operator" : "@operator",
"out" : "@out",
"override" : "@override",
"params" : "@params",
"private" : "@private",
"protected" : "@protected",
"public" : "@public",
"readonly" : "@readonly",
"ref" : "@ref",
"return" : "@return",
"sbyte" : "@sbyte",
"sealed" : "@sealed",
"short" : "@short",
"sizeof" : "@sizeof",
"stackalloc" : "@stackalloc",
"static" : "@static",
"string" : "@string",
"struct" : "@struct",
"switch" : "@switch",
"this" : "@this",
"throw" : "@throw",
"true" : "@true",
"try" : "@try",
"typeof" : "@typeof",
"uint" : "@uint",
"ulong" : "@ulong",
"unchecked" : "@unchecked",
"unsafe" : "@unsafe",
"ushort" : "@ushort",
```

"using" : "@using",
"virtual" : "@virtual",
"void" : "@void",
"volatile" : "@volatile",
"while" : "@while",
default : key
]

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/tool/templates/codegen/CSharp/CSharp.stg
No license file was found, but licenses were detected in source scan.

* [The "BSD license"]
* All rights reserved.
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
[The "BSD licence"]
All rights reserved.
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must
 retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
derived from this software without specific prior written permission.

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/ANTLRParser.g
No license file was found, but licenses were detected in source scan.

/*
[The "BSD licence"]
Copyright (c) 2006 Kay Roepke
All rights reserved.

/*
This file contains the actual layout of the messages emitted by ANTLR.
The text itself is coming out of the languages/*stg files, according to the chosen locale.
This file contains the default format ANTLR uses.
*/

location(file, line, column) ::= "<file>(<line>,<column>)"

message(id, text) ::= "error <id> : <text>"

report(location, message, type) ::= "<location> : <type> <message.id> : <message.text>"

wantsSingleLineMessage() ::= "true"

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/tool/templates/messages/formats/vs2005.stg
No license file was found, but licenses were detected in source scan.

```
lexer grammar ActionSplitter;

options { filter=true; }

@header {
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
}

@members {
ActionSplitterListener delegate;

public ActionSplitter(CharStream input, ActionSplitterListener delegate) {
    this(input, new RecognizerSharedState());
    this.delegate = delegate;
}

/** force filtering
 (and return tokens). triggers all above actions. */
public List<Token> getActionTokens() {
    List<Token> chunks = new ArrayList<Token>();
    Token t = nextToken();
    while ( t.getType()!=Token.EOF ) {
```

```
      chunks.add(t);
      t = nextToken();
    }
   return chunks;
}

private boolean isIDStartChar(int c) {
 return c == '_' || Character.isLetter(c);
}
}
```

// ignore comments right away

```
COMMENT
  :  '/*' ( options {greedy=false;} : . )* '*/' {delegate.text($text);}
  ;


LINE_COMMENT
  : '//' ~('\n'|'\r')* '\r'? '\n' {delegate.text($text);}
  ;


SET_NONLOCAL_ATTR
 : '$' x=ID '::' y=ID WS? '=' expr=ATTR_VALUE_EXPR ';'
 {
 delegate.setNonLocalAttr($text, $x, $y, $expr);
 }
 ;


NONLOCAL_ATTR
 : '$' x=ID '::' y=ID {delegate.nonLocalAttr($text, $x, $y);}
 ;


QUALIFIED_ATTR
 : '$' x=ID '.' y=ID {input.LA(1)!='('}? {delegate.qualifiedAttr($text, $x, $y);}
 ;


SET_ATTR
 : '$' x=ID WS? '=' expr=ATTR_VALUE_EXPR ';'
 {
 delegate.setAttr($text, $x, $expr);
 }
 ;


ATTR
 : '$'
 x=ID {delegate.attr($text, $x);}
 ;
```

```
// Anything else is just random text
TEXT
@init {StringBuilder buf = new StringBuilder();}
@after {delegate.text(buf.toString());}
 : ( c=~('\\'| '$') {buf.append((char)$c);}
  | '\\$' {buf.append('$');}
  | '\\' c=~('$') {buf.append('\\').append((char)$c);}
  | {!isIDStartChar(input.LA(2))}? => '$' {buf.append('$');}
  )+
 ;


fragment
ID  : ('a'..'z'|'A'..'Z'|'_') ('a'..'z'|'A'..'Z'|'0'..'9'|'_')*
  ;


/** Don't allow an = as first char to prevent $x == 3; kind of stuff. */
fragment
ATTR_VALUE_EXPR
 : ~'=' (~';')*
 ;


fragment
WS : (' '|'\t'|'\n'|'\r')+
 ;
```

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/ActionSplitter.g
No license file was found, but licenses were detected in source scan.

```
/** ANTLR tool checks output templates are compatible with tool code generation.
 *  For now, a simple string match used on x.y of x.y.z scheme.
 *  Must match Tool.VERSION during load to templates.
 *
 *  REQUIRED.
 */

pythonTypeInitMap ::= [
 "bool":"False",
 "int":"0",
 "float":"0.0",
 "str":"",
 default:"None" // anything other
 than a primitive type is an object
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
# encoding: utf-8
from __future__ import print_function
from antlr4 import *
from io import StringIO

<namedActions.header>
<parser>

>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
<header>
```

```
# This class defines a complete listener for a parse tree produced by <file.parserName>.
class <file.grammarName>Listener(ParseTreeListener):

  <file.listenerNames:{lname |
# Enter a parse tree produced by <file.parserName>#<lname>.
def enter<lname; format="cap">(self, ctx):
  pass


# Exit a parse tree produced by <file.parserName>#<lname>.
def exit<lname; format="cap">(self, ctx):
  pass

}; separator="\n">

>>



VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName,
 file.ANTLRVersion)>
from antlr4 import *
<header>

# This class defines a complete generic visitor for a parse tree produced by <file.parserName>.

class <file.grammarName>Visitor(ParseTreeVisitor):

  <file.visitorNames:{lname |
# Visit a parse tree produced by <file.parserName>#<lname>.
def visit<lname; format="cap">(self, ctx):
  return self.visitChildren(ctx)

}; separator="\n">

>>



fileHeader(grammarFileName, ANTLRVersion) ::= <<
# Generated from <grammarFileName> by ANTLR <ANTLRVersion>
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<if(superClass)>
from .<superClass> import <superClass>
```

```
<endif>
<atn>

class <parser.name> ( <if(superClass)><superClass><else>Parser<endif> ):

  grammarFileName = "<parser.grammarFileName>"

  atn = ATNDeserializer().deserialize(serializedATN())

  decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState)
]

  sharedContextCache = PredictionContextCache()

  literalNames = [ <parser.literalNames:{t | u<t>}; null="u\"\<INVALID>\"", separator=", ", wrap, anchor> ]

  symbolicNames = [ <parser.symbolicNames:{t | u<t>}; null="u\"\<INVALID>\"", separator=", ", wrap, anchor> ]

  <parser.rules:{r | RULE_<r.name> = <r.index>}; separator="\n", wrap, anchor>

  ruleNames =  [ <parser.ruleNames:{r | u"<r>"}; separator=", ", wrap, anchor> ]

  EOF = <TokenLabelType()>.EOF
<if(parser.tokens)>
<parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator="\n", wrap, anchor>
<endif>

  <parser:(ctor)()>

  <namedActions.members>

  <funcs; separator="\n">


<if(sempredFuncs)>
  def sempred(self, localctx, ruleIndex, predIndex):
    if self._predicates == None:
        self._predicates = dict()
<parser.sempredFuncs.values:{f |
    self._predicates[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n        ">
    pred = self._predicates.get(ruleIndex,
 None)
    if pred is None:
        raise Exception("No predicate with index:" + str(ruleIndex))
    else:
        return pred(localctx, predIndex)
```

```
    <sempredFuncs.values; separator="\n">
<endif>




>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
def action(self, localctx, ruleIndex, actionIndex):
 if self._actions is None:
  actions = dict()
<recog.actionFuncs.values:{f|
  actions[<f.ruleIndex>] = self.<f.name>_action }; separator="\n">
  self._actions = actions
 action = self._actions.get(ruleIndex, None)
 if action is not None:
  action(localctx, actionIndex)
 else:
  raise Exception("No registered action for:" + str(ruleIndex))

<actionFuncs.values; separator="\n">

<endif>
<if(sempredFuncs)>
def sempred(self, localctx, ruleIndex, predIndex):
   if self._predicates is None:
      preds = dict()
<recog.sempredFuncs.values:{f|
      preds[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n">
      self._predicates =
 preds
   pred = self._predicates.get(ruleIndex, None)
   if pred is not None:
      return pred(localctx, predIndex)
   else:
      raise Exception("No registered predicate for:" + str(ruleIndex))

<sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(p) ::= <<
def __init__(self, input):
   super(<parser.name>, self).__init__(input)
   self.checkVersion("<file.ANTLRVersion>")
   self._interp = ParserATNSimulator(self, self.atn, self.decisionsToDFA, self.sharedContextCache)
   self._predicates = None
```

\>\>

```
/* This generates a private method since the actionIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleActionFunction(r, actions) ::= <<

def <r.name>_action(self, localctx , actionIndex):
<actions:{index|
<if(first(actions))>
  if actionIndex == <index>:
     <actions.(index)>
<elseif(rest(actions))>
  elif actionIndex == <index>:
     <actions.(index)>
<endif> }; separator="\n">
>>

/* This generates a private method
 since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
def <r.name>_sempred(self, localctx, predIndex):
  <actions:{index|
<if(first(actions))>
  if predIndex == <index>:
     return <actions.(index)>
<elseif(rest(actions))>
  elif predIndex == <index>:
     return <actions.(index)>
<endif> }; separator="\n">

>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<ruleCtx>

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

def <currentRule.name>(self<currentRule.args:{a | , <a.name>}>):

  localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, self.state<currentRule.args:{a | , <a.name>}>)
  self.enterRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>)
  <namedActions.init>
```

```
  <locals; separator="\n">
  try:
      <code>
      <postamble; separator="\n">
      <namedActions.after>
   <if(exceptions)>
  <exceptions; separator="\n">
  <else>
  except RecognitionException as re:
      localctx.exception = re
      self._errHandler.reportError(self, re)
      self._errHandler.recover(self, re)
  <endif>
  finally:
      <finallyAction>
      self.exitRule()
  return localctx

>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

def <currentRule.name>(self, _p=0<if(currentRule.args)>, <args:{a | , <a>}><endif>):
  _parentctx = self._ctx
  _parentState = self.state
  localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, _parentState<args:{a | , <a.name>}>)
  _prevctx = localctx
  _startState = <currentRule.startState>
  self.enterRecursionRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>, _p)
  <namedActions.init>
  <locals; separator="\n">
  try:
      <code>
      <postamble; separator="\n">
      <namedActions.after>
  except RecognitionException as re:
      localctx.exception = re
      self._errHandler.reportError(self, re)
      self._errHandler.recover(self, re)
  finally:
      <finallyAction>
      self.unrollRecursionContexts(_parentctx)
  return localctx
```

```
>>

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>localctx = <parser.name>.<currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(self, localctx)<endif>
self.enterOuterAlt(localctx, <currentOuterMostAltCodeBlock.alt.altNum>)
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>

LL1AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)>
 = _input.LT(1)<endif>
<preamble; separator="\n">
token = self._input.LA(1)
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
  <alt>
  pass}; separator="\nel">
else:
  <error>


>>

LL1OptionalBlock(choice, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
token = self._input.LA(1)
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
  <alt>
  pass}; separator="\nel">
else:
  <error>
>>

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
if <expr>:
  <alts; separator="\n">
```

```
<!else if ( !(<followExpr>) ) <error>!>
>>


LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
while <loopExpr>:
  <alts; separator="\n">
  self.state = <choice.loopBackStateNumber>
  self._errHandler.sync(self)
   <iteration>

>>


LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
<preamble; separator="\n">
while True:
  <alts; separator="\n">
  self.state = <choice.stateNumber> <! loopback/exit decision !>
  self._errHandler.sync(self)
  <iteration>
  if not (<loopExpr>):
     break

>>


// LL(*) stuff


AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i>:
  <alt>
  pass
}; separator="\nel">


>>


OptionalBlock(choice, alts, error) ::= <<
```

```
self.state = <choice.stateNumber>
self._errHandler.sync(self)
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ ==
 <i><if(!choice.ast.greedy)>+1<endif>:
  <alt>
}; separator="\nel">

>>

StarBlock(choice, alts, sync, iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
_alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
  if _alt==1<if(!choice.ast.greedy)>+1<endif>:
    <iteration>
    <alts> <! should only be one !>
  self.state = <choice.loopBackStateNumber>
  self._errHandler.sync(self)
  _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

PlusBlock(choice, alts, error) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
_alt = 1<if(!choice.ast.greedy)>+1<endif>
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
  <alts:{alt|
if _alt == <i><if(!choice.ast.greedy)>+1<endif>:
  <alt>
}; separator="\nel">
  else:
    <error>
  self.state = <choice.loopBackStateNumber>
 <! loopback/exit decision !>
  self._errHandler.sync(self)
  _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

Sync(s) ::= "sync(<s.expecting.name>)"

ThrowNoViableAlt(t) ::= "raise NoViableAltException(self)"

TestSetInline(s) ::= <<
```

```
<s.bitsets:{bits | <if(rest(rest(bits.ttypes))))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" or ">
>>


// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>


// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})>) and ((1 \<\< <offsetShiftVar(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (1 \<\< <offsetShiftType(ttype, bits.shift)>)}; separator=" | ">)) != 0)
%>


isZero ::= [
"0":true,
default:false
]

offsetShiftVar(shiftAmount,
 offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>


offsetShiftType(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<parser.name>.<shiftAmount> - <offset>)<else><parser.name>.<shiftAmount><endif>
%>


// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<parser.name>.<ttype>}; separator=" or ">
%>


cases(ttypes) ::= <<
if token in [<ttypes:{t | <parser.name>.<t>}; separator=", ">]:
>>


InvokeRule(r, argExprsChunks) ::= <<
self.state = <r.stateNumber>
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif>self.<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChu
nks>)
>>


MatchToken(m) ::= <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>self.match(<parser.name>.<m.name>)
```

```
>>

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m,
 expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::= <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{l | <labelref(l)> = }>self._input.LT(1)<endif>
<capture>
<if(invert)>if <m.varName> \<= 0 or <expr><else>if not(<expr>)<endif>:
<if(m.labels)><m.labels:{l |    <labelref(l)> = }><else>   <endif>self._errHandler.recoverInline(self)
else:
   self._errHandler.reportMatch(self)
   self.consume()
>>

Wildcard(w) ::= <<
self.state = <w.stateNumber>
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>self.matchWildcard()
>>

// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
self.state = <p.stateNumber>
if not <chunks>:
   from antlr4.error.Errors import FailedPredicateException
   raise FailedPredicateException(self, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
<p.msg><endif>)
>>

ExceptionClause(e, catchArg, catchAction)
 ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>

// lexer actions are not associated with model objects

LexerSkipCommand()  ::= "skip()"
LexerMoreCommand()  ::= "more()"
```

LexerPopModeCommand() ::= "popMode()"

LexerTypeCommand(arg, grammar)   ::= "_type = <arg>"
LexerChannelCommand(arg, grammar)   ::= "_channel = <arg>"
LexerModeCommand(arg, grammar)   ::= "_mode = <arg>"
LexerPushModeCommand(arg, grammar) ::= "pushMode(<arg>)"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a) ::= "localctx.<a.name>"
RetValueRef(a) ::= "localctx.<a.name>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t)
 ::= "(None if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.type()"
TokenPropertyRef_line(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(0 if (<ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t) ::= "(0 if <ctx(t)>.<t.label> is None else int(<ctx(t)>.<t.label>.text))"

RulePropertyRef_start(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r) ::= "(None if <ctx(r)>.<r.label> is None else
self._input.getText((<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop)))"
RulePropertyRef_ctx(r)
 ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "self"

ThisRulePropertyRef_start(r) ::= "localctx.start"
ThisRulePropertyRef_stop(r) ::= "localctx.stop"
ThisRulePropertyRef_text(r) ::= "self._input.getText((localctx.start, self._input.LT(-1)))"
ThisRulePropertyRef_ctx(r) ::= "localctx"
ThisRulePropertyRef_parser(r) ::= "self"

NonLocalAttrRef(s)   ::= "getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::= "getInvokingContext(<s.ruleIndex>).<s.name> = <rhsChunks>"

```
AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"


TokenDecl(t) ::= "self.<t.name> = None # <TokenLabelType()>"
TokenTypeDecl(t) ::= "self.<t.name> = 0 # <TokenLabelType()> type"
TokenListDecl(t) ::= "self.<t.name> = list() # of <TokenLabelType()>s"
RuleContextDecl(r) ::= "self.<r.name> = None # <r.ctxName>"
RuleContextListDecl(rdecl) ::= "self.<rdecl.name> = list() # of <rdecl.ctxName>s"


ContextTokenGetterDecl(t)
    ::= <<
def <t.name>(self):
  return self.getToken(<parser.name>.<t.name>, 0)
>>


// should never be called
ContextTokenListGetterDecl(t)  ::= <<
def <t.name>_list(self):
  return self.getTokens(<parser.name>.<t.name>)
>>


ContextTokenListIndexedGetterDecl(t)  ::= <<
def <t.name>(self, i=None):
  if i is None:
    return self.getTokens(<parser.name>.<t.name>)
  else:
    return self.getToken(<parser.name>.<t.name>, i)
>>


ContextRuleGetterDecl(r)      ::= <<
def <r.name>(self):
  return self.getTypedRuleContext(<parser.name>.<r.ctxName>,0)

>>


// should never be called
ContextRuleListGetterDecl(r)   ::= <<
def <r.name>_list(self):
  return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)

>>


ContextRuleListIndexedGetterDecl(r)   ::= <<
def <r.name>(self, i=None):
  if i is None:
    return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)
  else:
    return self.getTypedRuleContext(<parser.name>.<r.ctxName>,i)
```

```
>>

LexerRuleContext()
 ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)     ::= "_tset<id>"
ListLabelName(label)     ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = self._input.LA(1)"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers) ::= <<
class <struct.name>(<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif>):

    def __init__(self, parser, parent=None, invokingState=-1<struct.ctorAttrs:{a | , <a.name>=None}>):
        super(<parser.name>.<struct.name>, self).__init__(parent, invokingState)
        self.parser = parser
        <attrs:{a | <a>}; separator="\n">
        <struct.ctorAttrs:{a | self.<a.name> = <a.name>}; separator="\n">

    <getters:{g | <g>};
 separator="\n\n">

    def getRuleIndex(self):
        return <parser.name>.RULE_<struct.derivedFromName>

<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
    def copyFrom(self, ctx):
        super(<parser.name>.<struct.name>, self).copyFrom(ctx)
        <struct.attrs:{a | self.<a.name> = ctx.<a.name>}; separator="\n">

<endif>
    <dispatchMethods; separator="\n">
    <extensionMembers; separator="\n">

>>

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
class <struct.name>(<currentRule.name; format="cap">Context):

    def __init__(self, parser, ctx): # actually a <parser.name>.<currentRule.name; format="cap">Context)
```

```
      super(<parser.name>.<struct.name>, self).__init__(parser)
      <attrs:{a | <a>}; separator="\n">
      self.copyFrom(ctx)


  <getters:{g | <g>}; separator="\n">


  <dispatchMethods; separator="\n">


>>


ListenerDispatchMethod(method) ::= <<
def <if(method.isEnter)>enter<else>exit<endif>Rule(self, listener):
   if hasattr(listener, "<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">"):
      listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(self)


>>


VisitorDispatchMethod(method) ::= <<
def accept(self, visitor):
   if hasattr(visitor, "visit<struct.derivedFromName; format="cap">"):
      return visitor.visit<struct.derivedFromName; format="cap">(self)
   else:
      return visitor.visitChildren(self)


>>


AttributeDecl(d) ::= "self.<d.name> = <if(d.initValue)><d.initValue><else>None<endif>"


/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"


/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "localctx"


// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)  ::= "self.precpred(self._ctx, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>"
recRuleSetStopToken()
           ::= "self._ctx.stop = self._input.LT(-1)"


recRuleAltStartAction(ruleName, ctxName, label) ::= <<
localctx = <parser.name>.<ctxName>Context(self, _parentctx, _parentState)
<if(label)>localctx.<label> = _prevctx<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>


recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
localctx = <parser.name>.<currentAltLabel; format="cap">Context(self, <parser.name>.<ruleName;
```

```
format="cap">Context(self, _parentctx, _parentState))
<if(label)>
<if(isListLabel)>
localctx.<label>.append(_prevctx)
<else>
localctx.<label> = _prevctx
<endif>
<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>


recRuleReplaceContext(ctxName) ::= <<
localctx = <parser.name>.<ctxName>Context(self, localctx)
self._ctx = localctx
_prevctx = localctx
>>


recRuleSetPrevCtx() ::= <<
if self._parseListeners is not None:
    self.triggerExitRuleEvent()
_prevctx = localctx
>>


LexerFile(lexerFile,
 lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
# encoding: utf-8
from __future__ import print_function
from antlr4 import *
from io import StringIO

<namedActions.header>

<lexer>
>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<

<atn>

class <lexer.name>(<if(superClass)><superClass><else>Lexer<endif>):

  atn = ATNDeserializer().deserialize(serializedATN())

  decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]
```

```
    <rest(lexer.modes):{m| <m> = <i>}; separator="\n">

  <lexer.tokens:{k | <k> = <lexer.tokens.(k)>}; separator="\n", wrap, anchor>

  modeNames = [ <lexer.modes:{m| u"<m>"}; separator=", ", wrap, anchor> ]

  literalNames = [ u"\<INVALID>",
        <lexer.literalNames:{t | u<t>}; separator=", ", wrap, anchor> ]

  symbolicNames = [ u"\<INVALID>",
        <lexer.symbolicNames:{t | u<t>}; separator=", ", wrap, anchor> ]

  ruleNames = [ <lexer.ruleNames:{r
| u"<r>"}; separator=", ", wrap, anchor> ]

  grammarFileName = u"<lexer.grammarFileName>"

  def __init__(self, input=None):
     super(<lexer.name>, self).__init__(input)
     self.checkVersion("<lexerFile.ANTLRVersion>")
     self._interp = LexerATNSimulator(self, self.atn, self.decisionsToDFA, PredictionContextCache())
     self._actions = None
     self._predicates = None

  <namedActions.members>

  <dumpActions(lexer, "", actionFuncs, sempredFuncs)>

>>

SerializedATN(model) ::= <<
<! only one segment, can be inlined !>

def serializedATN():
  with StringIO() as buf:
     buf.write(u"<model.serialized; wrap={")<\n>      buf.write(u"}>")
     return buf.getvalue()

>>

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<javaTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".py"
```

Found in path(s):

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/tool/templates/codegen/Python2/Python2.stg

No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 *  Copyright (c) 2012-2016 Terence Parr
 *  Copyright (c) 2012-2016 Sam Harwell
 *  All rights reserved.
 *
 *  Redistribution and use in source and binary forms, with or without
 *  modification, are permitted provided that the following conditions
 *  are met:
 *
 *  1. Redistributions of source code must retain the above copyright
 *     notice, this list of conditions and the following disclaimer.
 *  2. Redistributions in binary form must reproduce the above copyright
 *     notice, this list of conditions and the following disclaimer in the
 *     documentation and/or other materials provided with the distribution.
 *  3. The name of the author may not be used to endorse or promote products
 *     derived from this software without specific prior written permission.
 *
 *  THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR
 *  IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
 *  OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 *  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 *  INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 *  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

javaTypeInitMap ::= [
	"int":"0",
	"long":"0",
	"float":"0.0f",
	"double":"0.0",
	"boolean":"false",
	"byte":"0",
	"short":"0",
	"char":"0",
	default:"null" // anything other than a primitive type is an object
]
```

```
// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName,
 file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<namedActions.header>
import org.antlr.v4.runtime.atn.*;
import org.antlr.v4.runtime.dfa.DFA;
import org.antlr.v4.runtime.*;
import org.antlr.v4.runtime.misc.*;
import org.antlr.v4.runtime.tree.*;
import java.util.List;
import java.util.Iterator;
import java.util.ArrayList;

<parser>
>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>
import org.antlr.v4.runtime.tree.ParseTreeListener;

/**
 * This interface defines a complete listener for a parse tree produced by
 * {@link <file.parserName>}.
 */
public interface <file.grammarName>Listener extends ParseTreeListener {
 <file.listenerNames:{lname |
/**
<if(file.listenerLabelRuleNames.(lname))>
 * Enter a parse tree produced by the {@code <lname>\}
 * labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
<else>
 * Enter a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
 * @param ctx the parse tree
 */
void enter<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx);
/**
<if(file.listenerLabelRuleNames.(lname))>
```

```
* Exit a parse tree produced by the {@code <lname>\}
* labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
<else>
* Exit a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
* @param ctx the parse tree
*/
void exit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx);}; separator="\n">
}
>>

BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>

import org.antlr.v4.runtime.ParserRuleContext;
import org.antlr.v4.runtime.tree.ErrorNode;
import org.antlr.v4.runtime.tree.TerminalNode;

/**
* This class provides an empty implementation of {@link <file.grammarName>Listener},
 * which can be extended to create a listener which only needs to handle a subset
* of the available methods.
*/
public class <file.grammarName>BaseListener implements <file.grammarName>Listener {
 <file.listenerNames:{lname |
/**
* {@inheritDoc\}
*
* \<p>The default implementation does nothing.\</p>
*/
@Override public void enter<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx) { \}
/**
* {@inheritDoc\}
*
* \<p>The default implementation does nothing.\</p>
*/
@Override public void exit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx) { \}}; 
separator="\n">

 /**
  * {@inheritDoc\}
  *
  * \<p>The default implementation does nothing.\</p>
  */
```

```
@Override public void enterEveryRule(ParserRuleContext ctx) { }
/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
@Override public void exitEveryRule(ParserRuleContext ctx) { }
/**
 * {@inheritDoc\}
 *
 * \<p>The default
implementation does nothing.\</p>
 */
@Override public void visitTerminal(TerminalNode node) { }
/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
 @Override public void visitErrorNode(ErrorNode node) { }
}
>>


VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>
import org.antlr.v4.runtime.tree.ParseTreeVisitor;

/**
 * This interface defines a complete generic visitor for a parse tree produced
 * by {@link <file.parserName>}.
 *
 * @param \<T> The return type of the visit operation. Use {@link Void} for
 * operations with no return type.
 */
public interface <file.grammarName>Visitor\<T> extends ParseTreeVisitor\<T> {
 <file.visitorNames:{lname |
/**
<if(file.visitorLabelRuleNames.(lname))>
 * Visit a parse tree produced by the {@code <lname>\}
 * labeled alternative in {@link <file.parserName>#<file.visitorLabelRuleNames.(lname)>\}.
<else>
 * Visit a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
 * @param ctx the parse tree
```

```
* @return the visitor result
*/
T visit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx);}; separator="\n">
}
>>


BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>
import org.antlr.v4.runtime.tree.AbstractParseTreeVisitor;

/**
* This class provides an empty implementation of {@link <file.grammarName>Visitor},
* which can be extended to create a visitor which only needs to handle a subset
* of the available methods.
*
* @param \<T> The return type of the visit operation. Use {@link Void} for
* operations with no return type.
*/
public class <file.grammarName>BaseVisitor\<T> extends AbstractParseTreeVisitor\<T> implements
<file.grammarName>Visitor\<T> {
 <file.visitorNames:{lname |
/**
* {@inheritDoc\}
*
* \<p>The default
 implementation returns the result of calling
* {@link #visitChildren\} on {@code ctx\}.\</p>
*/
@Override public T visit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx) { return
visitChildren(ctx); \}}; separator="\n">
}
>>


fileHeader(grammarFileName, ANTLRVersion) ::= <<
// Generated from <grammarFileName; format="java-escape"> by ANTLR <ANTLRVersion>
>>


Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>


Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
@SuppressWarnings({"all", "warnings", "unchecked", "unused", "cast"})
public class <parser.name> extends <superClass; null="Parser"> {
```

```
static { RuntimeMetaData.checkVersion("<file.ANTLRVersion>", RuntimeMetaData.VERSION); }

protected static final DFA[] _decisionToDFA;
protected static final PredictionContextCache _sharedContextCache =
 new PredictionContextCache();
<if(parser.tokens)>
public static final int
 <parser.tokens:{k | <k>=<parser.tokens.(k)>};
separator=", ", wrap, anchor>;
<endif>
public static final int
 <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>;
public static final String[] ruleNames = {
 <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
};

<vocabulary(parser.literalNames, parser.symbolicNames)>

@Override
public String getGrammarFileName() { return "<parser.grammarFileName; format="java-escape">"; }

@Override
public String[] getRuleNames() { return ruleNames; }

@Override
public String getSerializedATN() { return _serializedATN; }

@Override
public ATN getATN() { return _ATN; }

<namedActions.members>
<parser:(ctor)()>
<funcs; separator="\n">

<if(sempredFuncs)>
 public boolean sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
 switch (ruleIndex) {
 <parser.sempredFuncs.values:{f|
case <f.ruleIndex>:
 return <f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n">
 }
 return true;
 }
<sempredFuncs.values;
 separator="\n">
<endif>

<atn>
```

```
}
>>

vocabulary(literalNames, symbolicNames) ::= <<
private static final String[] _LITERAL_NAMES = {
 <literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
};
private static final String[] _SYMBOLIC_NAMES = {
 <symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
};
public static final Vocabulary VOCABULARY = new VocabularyImpl(_LITERAL_NAMES,
_SYMBOLIC_NAMES);

/**
* @deprecated Use {@link #VOCABULARY} instead.
*/
@Deprecated
public static final String[] tokenNames;
static {
 tokenNames = new String[_SYMBOLIC_NAMES.length];
 for (int i = 0; i \< tokenNames.length; i++) {
  tokenNames[i] = VOCABULARY.getLiteralName(i);
  if (tokenNames[i] == null) {
   tokenNames[i] = VOCABULARY.getSymbolicName(i);
  }

  if (tokenNames[i] == null) {
   tokenNames[i] = "\<INVALID>";
  }
 }
}

@Override
@Deprecated
public String[] getTokenNames() {
 return tokenNames;
}

@Override

public Vocabulary getVocabulary() {
 return VOCABULARY;
}
>>

dumpActions(recog,
 argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
```

```
@Override
public void action(RuleContext _localctx, int ruleIndex, int actionIndex) {
 switch (ruleIndex) {
 <recog.actionFuncs.values:{f|
case <f.ruleIndex>:
 <f.name>_action((<f.ctxType>)_localctx, actionIndex);
 break;}; separator="\n">
 }
}
<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
@Override
public boolean sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
 switch (ruleIndex) {
 <recog.sempredFuncs.values:{f|
case <f.ruleIndex>:
 return <f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n">
 }
 return true;
}
<sempredFuncs.values; separator="\n">
<endif>
>>


parser_ctor(p) ::= <<
public <p.name>(TokenStream input) {
 super(input);
 _interp = new ParserATNSimulator(this,_ATN,_decisionToDFA,_sharedContextCache);
}
>>


/* This generates a private method since the actionIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleActionFunction(r, actions) ::= <<
private void <r.name>_action(<r.ctxType> _localctx, int actionIndex) {
 switch (actionIndex) {
 <actions:{index|
case <index>:
 <actions.(index)>
 break;}; separator="\n">
 }
}
>>


/* This generates a private method since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
```

```
*/
RuleSempredFunction(r, actions) ::= <<
private boolean <r.name>_sempred(<r.ctxType> _localctx, int predIndex) {
 switch (predIndex) {
 <actions:{index|
case <index>:
 return <actions.(index)>;}; separator="\n">
 }
 return true;
}
>>


RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public final <endif><currentRule.ctxType>
<currentRule.name>(<args; separator=",">) throws RecognitionException {
 <currentRule.ctxType> _localctx = new
 <currentRule.ctxType>(_ctx, getState()<currentRule.args:{a | , <a.name>}>);
 enterRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>);
 <namedActions.init>
 <locals; separator="\n">
 try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
 }
 <if(exceptions)>
<exceptions; separator="\n">
 <else>
 catch (RecognitionException re) {
 _localctx.exception = re;
 _errHandler.reportError(this, re);
 _errHandler.recover(this, re);
 }
 <endif>
 finally {
 <finallyAction>
 exitRule();
 }
 return _localctx;
}
```

```
>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public final <endif><currentRule.ctxType>
<currentRule.name>(<args; separator=", ">) throws RecognitionException {
 return <currentRule.name>(0<currentRule.args:{a
| , <a.name>}>);
}

private <currentRule.ctxType> <currentRule.name>(int _p<args:{a | , <a>}>) throws RecognitionException {
 ParserRuleContext _parentctx = _ctx;
 int _parentState = getState();
 <currentRule.ctxType> _localctx = new <currentRule.ctxType>(_ctx, _parentState<currentRule.args:{a | ,
<a.name>}>);
 <currentRule.ctxType> _prevctx = _localctx;
 int _startState = <currentRule.startState>;
 enterRecursionRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>, _p);
 <namedActions.init>
 <locals; separator="\n">
 try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
 }
 catch (RecognitionException re) {
 _localctx.exception = re;
 _errHandler.reportError(this, re);
 _errHandler.recover(this, re);
 }
 finally {
 <finallyAction>
 unrollRecursionContexts(_parentctx);
 }
 return _localctx;
}
>>

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::=
```

```
 <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = new <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
enterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>


CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
{
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
}
>>


LL1AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = _input.LT(1);<endif>
<preamble; separator="\n">
switch (_input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n">
default:
 <error>
}
>>


LL1OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
switch (_input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n">
default:
 <error>
}
>>


LL1OptionalBlockSingleAlt(choice,
 expr, alts, preamble, error, followExpr) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<preamble; separator="\n">
if (<expr>) {
<alts; separator="\n">
```

```
}
<!else if ( !(<followExpr>) ) <error>!>
>>

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<preamble; separator="\n">
while (<loopExpr>) {
 <alts; separator="\n">
 setState(<choice.loopBackStateNumber>);
 _errHandler.sync(this);
 <iteration>
}
>>

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
setState(<choice.blockStartStateNumber>); <! alt block decision !>
_errHandler.sync(this);
<preamble; separator="\n">
do {
 <alts; separator="\n">
 setState(<choice.stateNumber>); <! loopback/exit decision !>
 _errHandler.sync(this);
 <iteration>
} while ( <loopExpr> );
>>

// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<if(choice.label)><labelref(choice.label)>
 = _input.LT(1);<endif>
<preamble; separator="\n">
switch ( getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx) ) {
<alts:{alt |
case <i>:
 <alt>
 break;}; separator="\n">
}
>>

OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
switch ( getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx) ) {
```

```
<alts:{alt |
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break;}; separator="\n">
}
>>


StarBlock(choice, alts, sync, iteration) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
_alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);
while ( _alt!=<choice.exitAlt> && _alt!=org.antlr.v4.runtime.atn.ATN.INVALID_ALT_NUMBER ) {
 if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {
  <iteration>
  <alts> <! should only be one !>
 }
 setState(<choice.loopBackStateNumber>);
 _errHandler.sync(this);
 _alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);
}
>>


PlusBlock(choice,
 alts, error) ::= <<
setState(<choice.blockStartStateNumber>); <! alt block decision !>
_errHandler.sync(this);
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
 switch (_alt) {
 <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break;}; separator="\n">
 default:
  <error>
 }
 setState(<choice.loopBackStateNumber>); <! loopback/exit decision !>
 _errHandler.sync(this);
 _alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);
} while ( _alt!=<choice.exitAlt> && _alt!=org.antlr.v4.runtime.atn.ATN.INVALID_ALT_NUMBER );
>>


Sync(s) ::= "sync(<s.expecting.name>);"


ThrowNoViableAlt(t) ::= "throw new NoViableAltException(this);"


TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
```

```
bits)><endif>}; separator=" || ">
>>


// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount)
 ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>


// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((1L \<\< <offsetShift(s.varName, bits.shift)>) &
(<bits.ttypes:{ttype | (1L \<\< <offsetShift(ttype, bits.shift)>)}; separator=" | ">)) != 0)
%>


isZero ::= [
"0":true,
default:false
]


offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>


// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<ttype>}; separator=" || ">
%>


cases(ttypes) ::= <<
<ttypes:{t | case <t>:}; separator="\n">
>>


InvokeRule(r, argExprsChunks) ::= <<
setState(<r.stateNumber>);
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif><r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>
);
>>


MatchToken(m)
 ::= <<
setState(<m.stateNumber>);
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>match(<m.name>);
>>


MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"
```

```
MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"


CommonSetStuff(m, expr, capture, invert) ::= <<
setState(<m.stateNumber>);
<if(m.labels)><m.labels:{l | <labelref(l)> = }>_input.LT(1);<endif>
<capture>
if ( <if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr>) ) {
 <if(m.labels)><m.labels:{l | <labelref(l)> = (Token)}><endif>_errHandler.recoverInline(this);
}
else {
 if ( _input.LA(1)==Token.EOF ) matchedEOF = true;
 _errHandler.reportMatch(this);
 consume();
}
>>


Wildcard(w) ::= <<
setState(<w.stateNumber>);
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>matchWildcard();
>>


// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"


ArgAction(a, chunks) ::= "<chunks>"


SemPred(p, chunks, failChunks) ::= <<
setState(<p.stateNumber>);
if
 (!(<chunks>)) throw new FailedPredicateException(this, <p.predicate><if(failChunks)>,
<failChunks><elseif(p.msg)>, <p.msg><endif>);
>>


ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>


// lexer actions are not associated with model objects

LexerSkipCommand()  ::= "skip();"
LexerMoreCommand()  ::= "more();"
LexerPopModeCommand() ::= "popMode();"


LexerTypeCommand(arg, grammar)      ::= "_type = <arg>;"
LexerChannelCommand(arg, grammar)   ::= "_channel = <arg>;"
```

```
LexerModeCommand(arg, grammar)      ::= "_mode = <arg>;"
LexerPushModeCommand(arg, grammar) ::= "pushMode(<arg>);"


ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "_localctx.<a.name>"
LocalRef(a) ::= "_localctx.<a.name>"
RetValueRef(a) ::= "_localctx.<a.name>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks)
 ::= "<ctx(s)>.<s.name> = <rhsChunks>;"


TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"


TokenPropertyRef_text(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getText():null)"
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getType():0)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getLine():0)"
TokenPropertyRef_pos(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getCharPositionInLine():0)"
TokenPropertyRef_channel(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getChannel():0)"
TokenPropertyRef_index(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getTokenIndex():0)"
TokenPropertyRef_int(t) ::= "(<ctx(t)>.<t.label>!=null?Integer.valueOf(<ctx(t)>.<t.label>.getText()):0)"


RulePropertyRef_start(r) ::= "(<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.start):null)"
RulePropertyRef_stop(r)  ::= "(<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.stop):null)"
RulePropertyRef_text(r)
 ::= "(<ctx(r)>.<r.label>!=null?_input.getText(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop):null)"
RulePropertyRef_ctx(r)   ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r)  ::= "this"


ThisRulePropertyRef_start(r) ::= "_localctx.start"
ThisRulePropertyRef_stop(r)  ::= "_localctx.stop"
ThisRulePropertyRef_text(r)  ::= "_input.getText(_localctx.start, _input.LT(-1))"
ThisRulePropertyRef_ctx(r)   ::= "_localctx"
ThisRulePropertyRef_parser(r)  ::= "this"


NonLocalAttrRef(s)   ::= "((<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name>"
SetNonLocalAttr(s, rhsChunks)   ::=
 "((<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name> = <rhsChunks>;"


AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.add(<labelref(a.label)>);"


TokenDecl(t) ::= "<TokenLabelType()> <t.name>"
TokenTypeDecl(t) ::= "int <t.name>;"
```

TokenListDecl(t) ::= "List\<Token> <t.name> = new ArrayList\<Token>()"
RuleContextDecl(r)
 ::= "<r.ctxName> <r.name>"
RuleContextListDecl(rdecl) ::= "List\<<rdecl.ctxName>> <rdecl.name> = new ArrayList\<<rdecl.ctxName>>()"

ContextTokenGetterDecl(t)   ::=
  "public TerminalNode <t.name>() { return getToken(<parser.name>.<t.name>, 0); }"
ContextTokenListGetterDecl(t) ::=
  "public List\<TerminalNode> <t.name>() { return getTokens(<parser.name>.<t.name>); }"
ContextTokenListIndexedGetterDecl(t) ::= <<
public TerminalNode <t.name>(int i) {
 return getToken(<parser.name>.<t.name>, i);
}
>>
ContextRuleGetterDecl(r)   ::= <<
public <r.ctxName> <r.name>() {
 return getRuleContext(<r.ctxName>.class,0);
}
>>
ContextRuleListGetterDecl(r)   ::= <<
public List\<<r.ctxName>\> <r.name>() {
 return getRuleContexts(<r.ctxName>.class);
}
>>
ContextRuleListIndexedGetterDecl(r)   ::= <<
public <r.ctxName> <r.name>(int i) {
 return getRuleContext(<r.ctxName>.class,i);
}
>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed
 by a suffix; e.g.,
* r becomes rContext.
*/
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "<ruleName>"
ImplicitSetLabel(id)   ::= "_tset<id>"
ListLabelName(label)   ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = _input.LT(1);"
CaptureNextTokenType(d) ::= "<d.varName> = _input.LA(1);"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers)
 ::= <<

```
public static class <struct.name> extends
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)> implements
<interfaces; separator=", "><endif> {
 <attrs:{a | public <a>;}; separator="\n">
 <getters:{g | <g>}; separator="\n">
 <if(ctorAttrs)>public <struct.name>(ParserRuleContext parent, int invokingState) { super(parent, invokingState);
}<endif>
 public <struct.name>(ParserRuleContext parent, int invokingState<ctorAttrs:{a | , <a>}>) {
  super(parent, invokingState);
  <struct.ctorAttrs:{a
| this.<a.name> = <a.name>;}; separator="\n">
 }
 @Override public int getRuleIndex() { return RULE_<struct.derivedFromName>; }
<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
 public <struct.name>() { }
 public void copyFrom(<struct.name> ctx) {
  super.copyFrom(ctx);
  <struct.attrs:{a | this.<a.name> = ctx.<a.name>;}; separator="\n">
 }
<endif>
 <dispatchMethods; separator="\n">
 <extensionMembers; separator="\n">
}
>>


AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
public static class <struct.name> extends <currentRule.name; format="cap">Context {
 <attrs:{a | public <a>;}; separator="\n">
 <getters:{g | <g>}; separator="\n">
 public <struct.name>(<currentRule.name; format="cap">Context ctx) { copyFrom(ctx); }
 <dispatchMethods; separator="\n">
}
>>


ListenerDispatchMethod(method) ::= <<
@Override
public void <if(method.isEnter)>enter<else>exit<endif>Rule(ParseTreeListener listener) {
 if ( listener instanceof <parser.grammarName>Listener
 )
((<parser.grammarName>Listener)listener).<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName;
format="cap">(this);
}
>>


VisitorDispatchMethod(method) ::= <<
@Override
public \<T> T accept(ParseTreeVisitor\<? extends T> visitor) {
 if ( visitor instanceof <parser.grammarName>Visitor ) return ((<parser.grammarName>Visitor\<? extends
```

```
T>)visitor).visit<struct.derivedFromName; format="cap">(this);
 else return visitor.visitChildren(this);
}
>>


AttributeDecl(d) ::= "<d.type> <d.name><if(d.initValue)> = <d.initValue><endif>"


/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>((<x.ctx.name>)_localctx).<endif><x.name>"


/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "((<actionChunk.ctx.name>)_localctx)"


// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)  ::= "precpred(_ctx, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>;"
recRuleSetStopToken()
            ::= "_ctx.stop = _input.LT(-1);"


recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
_localctx = new <ctxName>Context(_parentctx, _parentState);
<if(label)>
<if(isListLabel)>
_localctx.<label>.add(_prevctx);
<else>
_localctx.<label> = _prevctx;
<endif>
<endif>
<if(label)>_localctx.<label> = _prevctx;<endif>
pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>


recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
_localctx = new <currentAltLabel; format="cap">Context(new <ruleName; format="cap">Context(_parentctx,
_parentState));
<if(label)>
<if(isListLabel)>
((<currentAltLabel; format="cap">Context)_localctx).<label>.add(_prevctx);
<else>
((<currentAltLabel; format="cap">Context)_localctx).<label> = _prevctx;
<endif>
<endif>
pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>


recRuleReplaceContext(ctxName) ::= <<
_localctx = new <ctxName>Context(_localctx);
_ctx = _localctx;
```

```
_prevctx
 = _localctx;
>>


recRuleSetPrevCtx() ::= <<
if ( _parseListeners!=null ) triggerExitRuleEvent();
_prevctx = _localctx;
>>



LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
<if(lexerFile.genPackage)>
package <lexerFile.genPackage>;
<endif>
<namedActions.header>
import org.antlr.v4.runtime.Lexer;
import org.antlr.v4.runtime.CharStream;
import org.antlr.v4.runtime.Token;
import org.antlr.v4.runtime.TokenStream;
import org.antlr.v4.runtime.*;
import org.antlr.v4.runtime.atn.*;
import org.antlr.v4.runtime.dfa.DFA;
import org.antlr.v4.runtime.misc.*;

<lexer>
>>


Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
@SuppressWarnings({"all", "warnings", "unchecked", "unused", "cast"})
public class <lexer.name> extends <superClass; null="Lexer"> {
 static { RuntimeMetaData.checkVersion("<lexerFile.ANTLRVersion>", RuntimeMetaData.VERSION); }

 protected static final DFA[] _decisionToDFA;
 protected static final PredictionContextCache
 _sharedContextCache =
 new PredictionContextCache();
 public static final int
  <lexer.tokens:{k | <k>=<lexer.tokens.(k)>}; separator=", ", wrap, anchor>;
 <if(lexer.channels)>
 public static final int
  <lexer.channels:{k | <k>=<lexer.channels.(k)>}; separator=", ", wrap, anchor>;
 <endif>
 <rest(lexer.modes):{m| public static final int <m> = <i>;}; separator="\n">
 public static String[] modeNames = {
  <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor>
 };
```

```
public static final String[] ruleNames = {
 <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
};

<vocabulary(lexer.literalNames, lexer.symbolicNames)>

<namedActions.members>

public <lexer.name>(CharStream input) {
 super(input);
 _interp = new LexerATNSimulator(this,_ATN,_decisionToDFA,_sharedContextCache);
}

@Override
public String getGrammarFileName() { return "<lexer.grammarFileName>"; }

@Override
public String[] getRuleNames() { return ruleNames; }

@Override
public String
getSerializedATN() { return _serializedATN; }

@Override
public String[] getModeNames() { return modeNames; }

@Override
public ATN getATN() { return _ATN; }

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>
}
>>

SerializedATN(model) ::= <<
<if(rest(model.segments))>
<! requires segmented representation !>
private static final int _serializedATNSegments = <length(model.segments)>;
<model.segments:{segment|private static final String _serializedATNSegment<i0> =
 "<segment; wrap={"+<\n><\t>"}>";}; separator="\n">
public static final String _serializedATN = Utils.join(
 new String[] {
  <model.segments:{segment | _serializedATNSegment<i0>}; separator=",\n">
 },
 ""
);
<else>
<! only one segment, can be inlined !>
```

```
public static final String _serializedATN =
 "<model.serialized; wrap={"+<\n><\t>"}>";
<endif>
public static final ATN _ATN =
 new ATNDeserializer().deserialize(_serializedATN.toCharArray());
static {
 _decisionToDFA = new DFA[_ATN.getNumberOfDecisions()];
 for
 (int i = 0; i \< _ATN.getNumberOfDecisions(); i++) {
  _decisionToDFA[i] = new DFA(_ATN.getDecisionState(i), i);
 }
<! org.antlr.v4.tool.DOTGenerator dot = new org.antlr.v4.tool.DOTGenerator(null);!>
<! System.out.println(dot.getDOT(_ATN.decisionToState.get(0), ruleNames, false));!>
<! System.out.println(dot.getDOT(_ATN.ruleToStartState[2], ruleNames, false));!>
 }
>>


/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<javaTypeInitMap.(typeName)>
>>


codeFileExtension() ::= ".java"
```

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/tool/templates/codegen/Java/Java.stg
No license file was found, but licenses were detected in source scan.

```
/*
[The "BSD licence"]
Copyright (c) 2005-20012 Terence Parr
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
   derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
```

IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/ANTLRParser.java
No license file was found, but licenses were detected in source scan.

/*
* [The "BSD license"]
* Copyright (c) 2012-2016 Terence Parr
* Copyright (c) 2012-2016 Sam Harwell
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

// File   : A3Lexer.g

// Author   : Jim Idle (jimi@temporal-wave.com)
// Copyright : Free BSD - See @header clause below
// Version   : First implemented as part of ANTLR 3.2 this is the self
//   hosting ANTLR 3 Lexer.
//
// Description
// -----------
// This is the definitive lexer grammar for parsing ANTLR V3.x.x grammars. All other
// gramnmars are
 derived from this grammar via source code control integration (perforce)
// or by the gdiff tool.
//
// This grammar and its associated grmmmars A3Parser.g and A3Walker.g exhibit the following
// traits, which are recommended for all production quality grammars:
//
// 1) They are separate grammars, not composite grammars;
// 2) They implement all supporting methods in a superclass (at least this is recommended
//   for language targets that support inheritence;
// 3) All errors are pushed as far down the parsing chain as possible, which means
//   that the lexer tries to defer error reporting to the parser, and the parser
//   tries to defer error reporting to a semantic phase consisting of a single
//   walk of the AST. The reason for this is that the error messages produced
//   from later phases of the parse will generally have better context and so
//   be more useful to the end user. Consider the message: "Syntax error at 'options'"
//   vs: "You cannot specify two options{}
 sections in a single grammar file".
// 4) The lexer is 'programmed' to catch common mistakes such as unterminated literals
//   and report them specifically and not just issue confusing lexer mismatch errors.
//

/** Read in an ANTLR grammar and build an AST. Try not to do
 * any actions, just build the tree.
 *
 * The phases are:
 *
 * A3Lexer.g (this file)
 *   A3Parser.g
 *   A3Verify.g (derived from A3Walker.g)
 * assign.types.g
 * define.g
 * buildnfa.g
 * antlr.print.g (optional)
 * codegen.g
 *
 * Terence Parr
 * University of San Francisco
 * 2005
 * Jim Idle (this v3 grammar)
```

```
 *  Temporal Wave LLC
 *  2009
 */
lexer grammar ANTLRLexer;

// ==============================================================================
// Note that while this grammar does not care about order of constructs
// that don't really matter, such as options before @header etc, it must first
// be parsed by the original v2 parser, before it replaces it. That parser
 does
// care about order of structures. Hence we are constrained by the v2 parser
// for at least the first bootstrap release that causes this parser to replace
// the v2 version.
// ==============================================================================

// -------
// Options
//
// V3 option directives to tell the tool what we are asking of it for this
// grammar.
//
options {

 // Target language is Java, which is the default but being specific
 // here as this grammar is also meant as a good example grammar for
 // for users.
 //
 language     = Java;

 // The super class that this lexer should expect to inherit from, and
 // which contains any and all support routines for the lexer. This is
 // commented out in this baseline (definitive or normative grammar)
 // - see the ANTLR tool implementation for hints on how to use the super
 //   class
 //
 //superclass   = AbstractA3Lexer;
}

tokens { SEMPRED; TOKEN_REF; RULE_REF; LEXER_CHAR_SET; ARG_ACTION; }

// Include the copyright
 in this source and also the generated source
//
@lexer::header {
/*
[The "BSD licence"]
Copyright (c) 2005-2009 Terence Parr
All rights reserved.
```

```
*/
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
}


@members {
 public static final int COMMENTS_CHANNEL = 2;

  public CommonTokenStream tokens; // track stream we push to; need for context info
  public boolean isLexerRule = false;

public void grammarError(ErrorType etype, org.antlr.runtime.Token token, Object... args) { }

/** scan backwards from current point in this.tokens list
 * looking for the start of the rule or subrule.
 * Return token or null if for
some reason we can't find the start.
 */
public Token getRuleOrSubruleStartToken() {
   if ( tokens==null ) return null;
 int i = tokens.index();
    int n = tokens.size();
    if ( i>=n ) i = n-1; // seems index == n as we lex
  while ( i>=0 && i<n ) {
```

```
  int ttype = tokens.get(i).getType();
  if ( ttype == LPAREN || ttype == TOKEN_REF || ttype == RULE_REF ) {
   return tokens.get(i);
  }
  i--;
 }
 return null;
 }
}


// --------
// Comments
//
// ANTLR comments can be multi or single line and we don't care
// which particularly. However we also accept Javadoc style comments
// of the form: /** ... */ and we do take care to distinguish those
// from ordinary multi-line comments
// Note how we guide the lexical PATH because we want to issue a decriptive
// error message in case of a standalone '/' character, which makes no
// sense in ANTLR source code. We alo trap unterminated multi-line comments
//
fragment DOC_COMMENT : ;
COMMENT
@init {

 // Record the start line
 and offsets as if we need to report an
 // unterminated comment, then we want to show the start of the comment
 // we think is broken, not the end, where people will have to try and work
 // it out themselves.
 //
 int startLine = $line;
 int offset    = getCharPositionInLine();
}
  : // Eat the first character only, then see if we have a comment
   // or something silly.
   //
   '/'  // Comment introducer

   (
      // Single line comment, possibly with embedded src/line directives
      // in a similar style to the C pre-processor, allowing generated
      // code to refer the programmer back to the original source code
      // in case of error.
      //
      '/'
       (
          (' $ANTLR')=> ' $ANTLR' SRC
```

```
        | ~(NLCHARS)*
      )


    | // Multi-line comment, which may be a documentation comment
      // if it starts /** (note that we protect against accidentaly
      // recognizing a comment /**/
as a documentation comment
      //
      '*' (
          { input.LA(2) != '/'}?=> '*' { $type = DOC_COMMENT; }
        | { true }?=>  // Required to cover all alts with predicates
        )

        // Should we support embedded multiline comments here?
        //
        (
          // Pick out end of multiline comment and exit the loop
          // if we find it.
          //
          {   !(input.LA(1) == '*' && input.LA(2) == '/') }?

            // Anything else other than the non-greedy match of
            // the comment close sequence
            //
            .
        )*
      (
          // Look for the comment terminator, but if it is accidentally
          // unterminated, then we will hit EOF, which will trigger the
          // epsilon alt and hence we can issue an error message relative
          // to the
start of the unterminated multi-line comment
          //
          '*/'

        | // Unterminated comment!
          //
          {
          // ErrorManager.msg(Msg.UNTERMINATED_DOC_COMMENT, startLine, offset, $pos, startLine,
offset, $pos, (Object)null);
          }
        )


    | // There was nothing that made sense following the opening '/' and so
      // we issue an error regarding the malformed comment
      //
      {
        // TODO: Insert error message relative to comment start
```

```
              //
          }
      )
      {
        // We do not wish to pass the comments in to the parser. If you are
        // writing a formatter then you will want to preserve the comments off
        // channel, but could just skip and save token space if not.
        //
        $channel=COMMENTS_CHANNEL;
      }
  ;


ARG_OR_CHARSET
options {k=1;}
   :  {isLexerRule}?=> LEXER_CHAR_SET {$type=LEXER_CHAR_SET;}
   |  {!isLexerRule}?=> ARG_ACTION
      {
      $type=ARG_ACTION;
      // Set the token text to our gathered string minus outer [ ]
      String t = $text;
      t = t.substring(1,t.length()-1);
      setText(t);
      }
   ;


fragment
LEXER_CHAR_SET
 : '['
  ( '\\' ~('\r'|'\n')
  | ~('\r'|'\n'|'\\'|']')
  )*
  ']'
 ;


// --------------
// Argument specs
//
// Certain argument lists, such as those specifying call parameters
// to a rule invocation, or input parameters to a rule specification
// are contained within square brackets. In the lexer we consume them
// all at once and sort them out later in the grammar analysis.
//
fragment
ARG_ACTION
 : '['
     (
         ARG_ACTION
```

```
        | ('"')=>ACTION_STRING_LITERAL

        | ('\"')=>ACTION_CHAR_LITERAL

        | ~('['|']')
     )*

     ']'
 ;


// -------
// Actions
//
// Other than making sure to distinguish between { and } embedded
// within what we have assumed to be literals
 in the action code, the
// job of the lexer is merely to gather the code within the action
// (delimited by {}) and pass it to the parser as a single token.
// We know that this token will be asked for its text somewhere
// in the upcoming parse, so setting the text here to exclude
// the delimiting {} is no additional overhead.
//
ACTION
 : NESTED_ACTION
  ( '?' {$type = SEMPRED;}
   ( (WSNLCHARS* '=>') => WSNLCHARS* '=>' // v3 gated sempred
    {
    Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1);
    t.setLine(state.tokenStartLine);
    t.setText(state.text);
    t.setCharPositionInLine(state.tokenStartCharPositionInLine);
    grammarError(ErrorType.V3_GATED_SEMPRED, t);
    }
   )?
  )?
 ;


// ----------------
// Action structure
//
// Many language targets use {} as block delimiters and so we
// must recursively match {} delimited blocks to balance the
// braces. Additionally, we must make some assumptions about
// literal
 string representation in the target language. We assume
// that they are delimited by ' or " and so consume these
// in their own alts so as not to inadvertantly match {}.
// This rule calls itself on matching a {
```

```
//
fragment
NESTED_ACTION
@init {

 // Record the start line and offsets as if we need to report an
 // unterminated block, then we want to show the start of the comment
 // we think is broken, not the end, where people will have to try and work
 // it out themselves.
 //
 int startLine = getLine();
 int offset   = getCharPositionInLine();
}

  : // Action and other blocks start with opening {
   //
  '{'
   (
   // And now we can match one of a number of embedded
   // elements within the action until we find a
   // } that balances the opening {. If we do not find
   // the balanced } then we will hit EOF and can issue
   // an error message about the brace that we belive to
   // be mismatched. This won't be foolproof but we will
   // be able to at
least report an error against the
   // opening brace that we feel is in error and this will
   // guide the user to the correction as best we can.
   //


     // An embedded {} block
    //
     NESTED_ACTION

    | // What appears to be a literal
     //
     ACTION_CHAR_LITERAL

    | // We have assumed that the target language has C/Java
     // type comments.
     //
     COMMENT

    | // What appears to be a literal
     //
     ACTION_STRING_LITERAL
```

```
    | // What appears to be an escape sequence
       //
       ACTION_ESC


    | // Some other single character that is not
       // handled above
       //
       ~('\\'|'"'|'\''|'/'|'{'|'}')


    )*


  (
     // Correctly balanced closing brace
     //
     '}'


    | // Looks like have an imblanced {} block, report
      // with respect to the opening brace.
      //
      {
         // TODO: Report imbalanced {}
         System.out.println("Block starting  at line
" + startLine + " offset " + (offset+1) + " contains imbalanced {} or is missing a }");
      }
  )
  ;



// Keywords
// --------
// keywords used to specify ANTLR v3 grammars. Keywords may not be used as
// labels for rules or in any other context where they would be ambiguous
// with the keyword vs some other identifier
// OPTIONS, TOKENS, and CHANNELS must also consume the opening brace that captures
// their option block, as this is the easiest way to parse it separate
// to an ACTION block, despite it using the same {} delimiters.
//
OPTIONS      : 'options'  WSNLCHARS* '{'  ;
TOKENS_SPEC  : 'tokens'   WSNLCHARS* '{'  ;
CHANNELS     : 'channels' WSNLCHARS* '{'  ;

IMPORT       : 'import'            ;
FRAGMENT     : 'fragment'          ;
LEXER        : 'lexer'            ;
PARSER       : 'parser'           ;
GRAMMAR      : 'grammar'           ;
TREE_GRAMMAR : 'tree' WSNLCHARS* 'grammar' ;
PROTECTED    : 'protected'          ;
```

```
PUBLIC      : 'public'
   ;
PRIVATE     : 'private'        ;
RETURNS     : 'returns'        ;
LOCALS      : 'locals'         ;
THROWS      : 'throws'         ;
CATCH       : 'catch'          ;
FINALLY     : 'finally'        ;
MODE        : 'mode'           ;


// -----------
// Punctuation
//
// Character sequences used as separators, delimters, operators, etc
//
COLON       : ':'
        {
        // scan backwards, looking for a RULE_REF or TOKEN_REF.
        // which would indicate the start of a rule definition.
        // If we see a LPAREN, then it's the start of the subrule.
        // this.tokens is the token string we are pushing into, so
        // just loop backwards looking for a rule definition. Then
        // we set isLexerRule.
        Token t = getRuleOrSubruleStartToken();
        if ( t!=null ) {
            if ( t.getType()==RULE_REF ) isLexerRule = false;

    else if ( t.getType()==TOKEN_REF ) isLexerRule = true;
            // else must be subrule; don't alter context
        }
        }
      ;
COLONCOLON  : '::'             ;
COMMA       : ','             ;
SEMI        : ';'            ;
LPAREN      : '('            ;
RPAREN      : ')'             ;
RARROW      : '->'            ;
LT          : '<'            ;
GT          : '>'            ;
ASSIGN      : '='            ;
QUESTION    : '?'            ;
SYNPRED     : '=>'
    {
    Token t = new CommonToken(input, state.type, state.channel,
                  state.tokenStartCharIndex, getCharIndex()-1);
  t.setLine(state.tokenStartLine);
  t.setText(state.text);
```

```
      t.setCharPositionInLine(state.tokenStartCharPositionInLine);
      grammarError(ErrorType.V3_SYNPRED, t);
            $channel=HIDDEN;
      }
         ;
STAR      : '*'
          ;
PLUS      : '+'              ;
PLUS_ASSIGN : '+='              ;
OR        : '|'              ;
DOLLAR    : '$'              ;
DOT     : '.'                  ; // can be WILDCARD or DOT in qid or imported rule ref
RANGE      : '..'             ;
AT        : '@'             ;
POUND     : '#'             ;
NOT       : '~'             ;
RBRACE     : '}'               ;

/** Allow unicode rule/token names */
ID   : a=NameStartChar NameChar*
     {
     if ( Grammar.isTokenName($a.text) ) $type = TOKEN_REF;
     else $type = RULE_REF;
     }
    ;


fragment
NameChar   : NameStartChar
        | '0'..'9'
        | '_'
        | '\u00B7'
        | '\u0300'..'\u036F'
        | '\u203F'..'\u2040'
        ;


fragment
NameStartChar
        : 'A'..'Z' | 'a'..'z'
        | '\u00C0'..'\u00D6'
        | '\u00D8'..'\u00F6'
        | '\u00F8'..'\u02FF'
        | '\u0370'..'\u037D'
        | '\u037F'..'\u1FFF'
        | '\u200C'..'\u200D'
        | '\u2070'..'\u218F'
        | '\u2C00'..'\u2FEF'
        | '\u3001'..'\uD7FF'
        | '\uF900'..'\uFDCF'
```

```
    |   '\uFDF0'..'\uFEFE'
    |   '\uFF00'..'\uFFFD'
    ; // ignores | ['\u10000-'\uEFFFF] ;


// --------------------------
// Literals embedded in actions
//
// Note that we have made the assumption that the language used within
// actions uses the fairly standard " and ' delimiters for literals and
// that within these literals, characters are escaped using the \ character.
// There are some languages which do not conform to this in all cases, such
// as by using /string/ and so on. We will have to deal with such cases if
// if they come up in targets.
//

// Within actions, or other structures that are not part of the ANTLR
// syntax, we may encounter literal characters. Within these, we do
// not want to inadvertantly
 match things like '}' and so we eat them
// specifically. While this rule is called CHAR it allows for the fact that
// some languages may use/allow ' as the string delimiter.
//
fragment
ACTION_CHAR_LITERAL
 : '\'' (('\\')=>ACTION_ESC | ~'\'' )* '\''
 ;


// Within actions, or other structures that are not part of the ANTLR
// syntax, we may encounter literal strings. Within these, we do
// not want to inadvertantly match things like '}' and so we eat them
// specifically.
//
fragment
ACTION_STRING_LITERAL
 : '"' (('\\')=>ACTION_ESC | ~'"')* '"'
 ;


// Within literal strings and characters that are not part of the ANTLR
// syntax, we must allow for escaped character sequences so that we do not
// inadvertantly recognize the end of a string or character when the terminating
// delimiter has been esacped.
//
fragment
ACTION_ESC
 : '\\' .
 ;


// -------
```

```
// Integer
//
// Obviously (I hope) match an aribtrary long sequence of digits.
//
INT : ('0'..'9')+
  ;


// -----------
// Source
 spec
//
// A fragment rule for picking up information about an origrinating
// file from which the grammar we are parsing has been generated. This allows
// ANTLR to report errors against the originating file and not the generated
// file.
//
fragment
SRC : 'src' WSCHARS+ file=ACTION_STRING_LITERAL WSCHARS+ line=INT
    {
       // TODO: Add target specific code to change the source file name and current line number
       //
    }
  ;


// --------------
// Literal string
//
// ANTLR makes no disticintion between a single character literal and a
// multi-character string. All literals are single quote delimited and
// may contain unicode escape sequences of the form \uxxxx, where x
// is a valid hexadecimal number (as per Java basically).
STRING_LITERAL
   : '\'' ( ( ESC_SEQ | ~('\\'|'\''|'\r'|'\n') ) )*
     (   '\''
     |   // Unterminated string literal
        {
        Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex,
 getCharIndex()-1);
        t.setLine(state.tokenStartLine);
        t.setText(state.text);
        t.setCharPositionInLine(state.tokenStartCharPositionInLine);
        grammarError(ErrorType.UNTERMINATED_STRING_LITERAL, t);
        }
     )
  ;


// A valid hex digit specification
//
```

```
fragment
HEX_DIGIT : ('0'..'9'|'a'..'f'|'A'..'F') ;

// Any kind of escaped character that we can embed within ANTLR
// literal strings.
//
fragment
ESC_SEQ
  : '\\'
    (
        // The standard escaped character set such as tab, newline,
        // etc.
        //
      'b'|'t'|'n'|'f'|'r'|'\"'|'\''|'\\'

      | // A Java style Unicode escape sequence
        //
        UNICODE_ESC

      | // An illegal escape seqeunce
        //
        {
          Token t = new CommonToken(input, state.type, state.channel, getCharIndex()-1, getCharIndex());
          t.setText(t.getText());
          t.setLine(input.getLine());

          t.setCharPositionInLine(input.getCharPositionInLine()-1);
          grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE, t);
        }
    )
  ;

fragment
UNICODE_ESC

@init {

// Flag to tell us whether we have a valid number of
// hex digits in the escape sequence
//
int hCount = 0;
}
  :  'u' // Leadin for unicode escape sequence

     // We now require 4 hex digits. Note though
     // that we accept any number of characters
     // and issue an error if we do not get 4. We cannot
     // use an inifinite count such as + because this
```

```
        // might consume too many, so we lay out the lexical
        // options and issue an error at the invalid paths.
        //
    (
      (
        HEX_DIGIT  { hCount++; }
         (
            HEX_DIGIT  { hCount++; }
          (
             HEX_DIGIT  { hCount++; }
            (
                // Four valid hex digits, we are good
                //
                 HEX_DIGIT { hCount++; }

               | // Three valid digits
             )

            | // Two valid digits
           )

          | // One valid digit
       )
        )
       | // No valid hex digits at all
    )

    // Now check the digit count and issue an error if we need to
    //
    {
    if (hCount != 4) {
           Token t = new CommonToken(input, state.type, state.channel, getCharIndex()-3-hCount, getCharIndex()-
1);
           t.setText(t.getText());
           t.setLine(input.getLine());
           t.setCharPositionInLine(input.getCharPositionInLine()-hCount-2);
           grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE, t);
     }
    }
  ;


// ----------
// Whitespace
//
// Characters and character constructs that are of no import
// to the parser and are used to make the grammar easier to read
// for humans.
//
```

```
WS
  : (
    ' '
    | '\t'
    | '\r'
    | '\n'
    | '\f'
  )+
  {$channel=HIDDEN;}
  ;


// A fragment rule for use in recognizing end of line in
// rules like COMMENT.
//
fragment
NLCHARS
  : '\n' | '\r'
  ;


// A fragment rule for recognizing traditional whitespace
// characters within lexer rules.
//
fragment
WSCHARS
  : ' ' | '\t' | '\f'
  ;


// A fragment rule for recognizing both traditional whitespace and
// end of line markers, when we don't care to distinguish but don't
// want any action code going on.
//
fragment
WSNLCHARS
  : ' ' | '\t' | '\f' | '\n' | '\r'
  ;


// This rule allows ANTLR 4 to parse grammars using the UTF-8 encoding with a
// byte order mark. Since this Unicode character doesn't appear as a token
// anywhere else in the grammar, we can simply skip all instances of it without
// problem. This rule will not break usage of \uFEFF inside a LEXER_CHAR_SET or
// STRING_LITERAL.
UnicodeBOM
  :  '\uFEFF' {skip();}
  ;


// -----------------
// Illegal Character
//
```

```
// This
 is an illegal character trap which is always the last rule in the
// lexer specification. It matches a single character of any value and being
// the last rule in the file will match when no other rule knows what to do
// about the character. It is reported as an error but is not passed on to the
// parser. This means that the parser to deal with the gramamr file anyway
// but we will not try to analyse or code generate from a file with lexical
// errors.
//
ERRCHAR
  : .
   {
     Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1);
     t.setLine(state.tokenStartLine);
     t.setText(state.text);
     t.setCharPositionInLine(state.tokenStartCharPositionInLine);
     String msg = getTokenErrorDisplay(t) + " came as a complete surprise to me";
     grammarError(ErrorType.SYNTAX_ERROR, t, msg);
     state.syntaxErrors++;
     skip();
   }
  ;
```

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/ANTLRLexer.g
No license file was found, but licenses were detected in source scan.

```
 WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
 *  OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 *  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 *  INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 *  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

/** ANTLR tool checks output templates are compatible with tool code generation.
 *  For now, a simple string match used on x.y of x.y.z scheme.
 *  Must match Tool.VERSION during load to templates.
 *
 *  REQUIRED.
 */

pythonTypeInitMap ::= [
 "bool":"False",
 "int":"0",
 "float":"0.0",
 "str":"",
 default:"None" // anything other
 than a primitive type is an object
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
# encoding: utf-8
from antlr4 import *
from io import StringIO

<namedActions.header>
<parser>

>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
if __name__ is not None and "." in __name__:
  from .<file.parserName> import <file.parserName>
else:
  from <file.parserName> import <file.parserName>
<header>
```

```
# This class defines a complete listener for a parse tree produced by <file.parserName>.
class <file.grammarName>Listener(ParseTreeListener):

    <file.listenerNames:{lname |
# Enter a parse tree produced by <file.parserName>#<lname>.
def enter<lname; format="cap">(self, ctx:<file.parserName>.<lname; format="cap">Context):
    pass


# Exit a parse tree produced by <file.parserName>#<lname>.
def
 exit<lname; format="cap">(self, ctx:<file.parserName>.<lname; format="cap">Context):
    pass


}; separator="\n">


>>



VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
if __name__ is not None and "." in __name__:
    from .<file.parserName> import <file.parserName>
else:
    from <file.parserName> import <file.parserName>
<header>

# This class defines a complete generic visitor for a parse tree produced by <file.parserName>.

class <file.grammarName>Visitor(ParseTreeVisitor):

    <file.visitorNames:{lname |
# Visit a parse tree produced by <file.parserName>#<lname>.
def visit<lname; format="cap">(self, ctx:<file.parserName>.<lname; format="cap">Context):
    return self.visitChildren(ctx)

}; separator="\n">

del <file.parserName>
>>



fileHeader(grammarFileName, ANTLRVersion) ::= <<
# Generated from <grammarFileName> by ANTLR <ANTLRVersion>
>>

Parser(parser, funcs, atn, sempredFuncs, superClass)
```

```
 ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<if(superClass)>
from .<superClass> import <superClass>

<endif>
<atn>

class <parser.name> ( <if(superClass)><superClass><else>Parser<endif> ):

  grammarFileName = "<parser.grammarFileName>"

  atn = ATNDeserializer().deserialize(serializedATN())

  decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]

  sharedContextCache = PredictionContextCache()

  literalNames = [ <parser.literalNames:{t | <t>}; null="\"\<INVALID>\"", separator=", ", wrap, anchor> ]

  symbolicNames = [ <parser.symbolicNames:{t | <t>}; null="\"\<INVALID>\"", separator=", ", wrap, anchor> ]

  <parser.rules:{r | RULE_<r.name> = <r.index>}; separator="\n", wrap, anchor>

  ruleNames =  [ <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor> ]

  EOF = <TokenLabelType()>.EOF
  <if(parser.tokens)>
  <parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator="\n",
 wrap, anchor>
  <endif>

  <parser:(ctor)()>

  <namedActions.members>

  <funcs; separator="\n">


<if(sempredFuncs)>
  def sempred(self, localctx:RuleContext, ruleIndex:int, predIndex:int):
    if self._predicates == None:
      self._predicates = dict()
<parser.sempredFuncs.values:{f |
    self._predicates[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n        ">
```

```
        pred = self._predicates.get(ruleIndex, None)
        if pred is None:
            raise Exception("No predicate with index:" + str(ruleIndex))
        else:
            return pred(localctx, predIndex)


  <sempredFuncs.values; separator="\n">
<endif>




>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
def action(self, localctx:RuleContext, ruleIndex:int, actionIndex:int):
 if self._actions is None:
  actions = dict()
<recog.actionFuncs.values:{f|
  actions[<f.ruleIndex>] = self.<f.name>_action }; separator="\n">
  self._actions = actions
 action
 = self._actions.get(ruleIndex, None)
 if action is not None:
  action(localctx, actionIndex)
 else:
  raise Exception("No registered action for:" + str(ruleIndex))

<actionFuncs.values; separator="\n">

<endif>
<if(sempredFuncs)>
def sempred(self, localctx:RuleContext, ruleIndex:int, predIndex:int):
  if self._predicates is None:
      preds = dict()
<recog.sempredFuncs.values:{f|
      preds[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n">
      self._predicates = preds
  pred = self._predicates.get(ruleIndex, None)
  if pred is not None:
      return pred(localctx, predIndex)
  else:
      raise Exception("No registered predicate for:" + str(ruleIndex))

<sempredFuncs.values; separator="\n">
<endif>
>>
```

```
parser_ctor(p) ::= <<
def __init__(self, input:TokenStream):
    super().__init__(input)
    self.checkVersion("<file.ANTLRVersion>")
    self._interp = ParserATNSimulator(self, self.atn, self.decisionsToDFA, self.sharedContextCache)
    self._predicates
 = None


>>


/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<

def <r.name>_action(self, localctx:<r.ctxType> , actionIndex:int):
<actions:{index|
<if(first(actions))>
    if actionIndex == <index>:
        <actions.(index)>
<elseif(rest(actions))>
    elif actionIndex == <index>:
        <actions.(index)>
<endif> }; separator="\n">
>>


/* This generates a private method since the predIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleSempredFunction(r, actions) ::= <<
def <r.name>_sempred(self, localctx:<r.ctxType>, predIndex:int):
    <actions:{index|
<if(first(actions))>
    if predIndex == <index>:
        return <actions.(index)>
<elseif(rest(actions))>
    elif predIndex == <index>:
        return <actions.(index)>
<endif> }; separator="\n">


>>


RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
 ::= <<


<ruleCtx>

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">
```

```
def <currentRule.name>(self<currentRule.args:{a | , <a.name><if(a.type)>:<a.type><endif>}>):

    localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, self.state<currentRule.args:{a | , <a.name>}>)
    self.enterRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>)
    <namedActions.init>
    <locals; separator="\n">
    try:
        <code>
        <postamble; separator="\n">
        <namedActions.after>
    <if(exceptions)>
    <exceptions; separator="\n">
    <else>
    except RecognitionException as re:
        localctx.exception = re
        self._errHandler.reportError(self, re)
        self._errHandler.recover(self, re)
    <endif>
    finally:
        <finallyAction>
        self.exitRule()
    return localctx

>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l
 |<altLabelCtxs.(l)>}; separator="\n">

def <currentRule.name>(self, _p:int=0<if(currentRule.args)>, <args:{a | , <a>}><endif>):
    _parentctx = self._ctx
    _parentState = self.state
    localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, _parentState<args:{a | , <a.name>}>)
    _prevctx = localctx
    _startState = <currentRule.startState>
    self.enterRecursionRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>, _p)
    <namedActions.init>
    <locals; separator="\n">
    try:
        <code>
        <postamble; separator="\n">
        <namedActions.after>
    except RecognitionException as re:
```

```
      localctx.exception = re
      self._errHandler.reportError(self, re)
      self._errHandler.recover(self, re)
   finally:
      <finallyAction>
      self.unrollRecursionContexts(_parentctx)
   return localctx

>>


CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>localctx
 = <parser.name>.<currentOuterMostAltCodeBlock.altLabel; format="cap">Context(self, localctx)<endif>
self.enterOuterAlt(localctx, <currentOuterMostAltCodeBlock.alt.altNum>)
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>


CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>


LL1AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
token = self._input.LA(1)
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
   <alt>
   pass}; separator="\nel">
else:
   <error>

>>


LL1OptionalBlock(choice, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
token = self._input.LA(1)
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
   <alt>
   pass}; separator="\nel">
else:
   <error>
>>
```

```
LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
if <expr>:
   <alts; separator="\n">

<!else if ( !(<followExpr>) ) <error>!>
>>


LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
while <loopExpr>:
   <alts; separator="\n">
   self.state = <choice.loopBackStateNumber>
   self._errHandler.sync(self)
   <iteration>

>>


LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
<preamble; separator="\n">
while True:
   <alts; separator="\n">
   self.state = <choice.stateNumber> <! loopback/exit decision !>
   self._errHandler.sync(self)
   <iteration>
   if not (<loopExpr>):
      break

>>

// LL(*) stuff

AltBlock(choice,
 preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i>:
```

```
  <alt>
  pass
}; separator="\nel">


>>


OptionalBlock(choice, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i><if(!choice.ast.greedy)>+1<endif>:
  <alt>
}; separator="\nel">


>>


StarBlock(choice, alts, sync, iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
_alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
  if _alt==1<if(!choice.ast.greedy)>+1<endif>:
    <iteration>
    <alts> <! should only be one !>
  self.state =
 <choice.loopBackStateNumber>
  self._errHandler.sync(self)
  _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)


>>


PlusBlock(choice, alts, error) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
_alt = 1<if(!choice.ast.greedy)>+1<endif>
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
  <alts:{alt|
if _alt == <i><if(!choice.ast.greedy)>+1<endif>:
  <alt>
}; separator="\nel">
  else:
      <error>
  self.state = <choice.loopBackStateNumber> <! loopback/exit decision !>
  self._errHandler.sync(self)
  _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)


>>
```

Sync(s) ::= "sync(<s.expecting.name>)"

ThrowNoViableAlt(t) ::= "raise NoViableAltException(self)"

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" or ">
>>

// Java language spec
 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})>) and ((1 \<\< <offsetShiftVar(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (1 \<\< <offsetShiftType(ttype, bits.shift)>)}; separator=" | ">)) != 0)
%>

isZero ::= [
"0":true,
default:false
]

offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

offsetShiftType(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<parser.name>.<shiftAmount> - <offset>)<else><parser.name>.<shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<parser.name>.<ttype>}; separator="
 or ">
%>

cases(ttypes) ::= <<
if token in [<ttypes:{t | <parser.name>.<t>}; separator=", ">]:
>>

InvokeRule(r, argExprsChunks) ::= <<
self.state = <r.stateNumber>
<if(r.labels)><r.labels:{l | <labelref(l)> =

```
}><endif>self.<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChu
nks>)
>>


MatchToken(m) ::= <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>self.match(<parser.name>.<m.name>)
>>


MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"


MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"


CommonSetStuff(m, expr, capture, invert) ::= <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{l | <labelref(l)> = }>self._input.LT(1)<endif>
<capture>
<if(invert)>if <m.varName> \<= 0 or <expr><else>if not(<expr>)<endif>:
<if(m.labels)><m.labels:{l |    <labelref(l)> = }><else>    <endif>self._errHandler.recoverInline(self)
else:
    self._errHandler.reportMatch(self)
    self.consume()
>>


Wildcard(w) ::= <<
self.state = <w.stateNumber>
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>self.matchWildcard()
>>


// ACTION STUFF


Action(a, foo, chunks) ::= "<chunks>"


ArgAction(a, chunks) ::= "<chunks>"


SemPred(p, chunks, failChunks) ::= <<
self.state = <p.stateNumber>
if not <chunks>:
    from antlr4.error.Errors import FailedPredicateException
    raise FailedPredicateException(self, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
<p.msg><endif>)
>>


ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>
```

// lexer actions are not associated with model objects

```
LexerSkipCommand()  ::= "skip()"
LexerMoreCommand()  ::= "more()"
LexerPopModeCommand() ::= "popMode()"
```

```
LexerTypeCommand(arg, grammar)      ::= "_type = <arg>"
LexerChannelCommand(arg, grammar)   ::= "_channel = <arg>"
LexerModeCommand(arg, grammar)      ::= "_mode = <arg>"
LexerPushModeCommand(arg, grammar)  ::= "pushMode(<arg>)"
```

```
ActionText(t)
 ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a) ::= "localctx.<a.name>"
RetValueRef(a) ::= "localctx.<a.name>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"
```

```
TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"
```

```
TokenPropertyRef_text(t) ::= "(None if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.type())"
TokenPropertyRef_line(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(0 if (<ctx(t)>.<t.label> is
 None else <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t) ::= "(0 if <ctx(t)>.<t.label> is None else int(<ctx(t)>.<t.label>.text))"
```

```
RulePropertyRef_start(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r)  ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r)  ::= "(None if <ctx(r)>.<r.label> is None else
self._input.getText((<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop)))"
RulePropertyRef_ctx(r)  ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r)  ::= "self"
```

```
ThisRulePropertyRef_start(r) ::= "localctx.start"
ThisRulePropertyRef_stop(r)  ::= "localctx.stop"
ThisRulePropertyRef_text(r)  ::= "self._input.getText((localctx.start, self._input.LT(-1)))"
ThisRulePropertyRef_ctx(r)  ::= "localctx"
```

ThisRulePropertyRef_parser(r) ::= "self"

NonLocalAttrRef(s)   ::= "getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s,
 rhsChunks) ::= "getInvokingContext(<s.ruleIndex>).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"

TokenDecl(t) ::= "self.<t.name> = None # <TokenLabelType()>"
TokenTypeDecl(t) ::= "self.<t.name> = 0 # <TokenLabelType()> type"
TokenListDecl(t) ::= "self.<t.name> = list() # of <TokenLabelType()>s"
RuleContextDecl(r) ::= "self.<r.name> = None # <r.ctxName>"
RuleContextListDecl(rdecl) ::= "self.<rdecl.name> = list() # of <rdecl.ctxName>s"

ContextTokenGetterDecl(t)   ::= <<
def <t.name>(self):
  return self.getToken(<parser.name>.<t.name>, 0)
>>

// should never be called
ContextTokenListGetterDecl(t) ::= <<
def <t.name>_list(self):
  return self.getTokens(<parser.name>.<t.name>)
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
def <t.name>(self, i:int=None):
  if i is None:
    return self.getTokens(<parser.name>.<t.name>)
  else:
    return self.getToken(<parser.name>.<t.name>,
 i)
>>

ContextRuleGetterDecl(r)   ::= <<
def <r.name>(self):
  return self.getTypedRuleContext(<parser.name>.<r.ctxName>,0)

>>

// should never be called
ContextRuleListGetterDecl(r)   ::= <<
def <r.name>_list(self):
  return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)

>>

ContextRuleListIndexedGetterDecl(r)   ::= <<

```
def <r.name>(self, i:int=None):
    if i is None:
        return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)
    else:
        return self.getTypedRuleContext(<parser.name>.<r.ctxName>,i)

>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)    ::= "_tset<id>"
ListLabelName(label)    ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = self._input.LA(1)"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers)
 ::= <<
class <struct.name>(<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif>):

    def __init__(self, parser, parent:ParserRuleContext=None, invokingState:int=-1<struct.ctorAttrs:{a | ,
<a.name><if(a.type)>:<a.type><endif>=None}>):
        super().__init__(parent, invokingState)
        self.parser = parser
        <attrs:{a | <a>}; separator="\n">
        <struct.ctorAttrs:{a | self.<a.name> = <a.name>}; separator="\n">

    <getters:{g | <g>}; separator="\n\n">

    def getRuleIndex(self):
        return <parser.name>.RULE_<struct.derivedFromName>

<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
    def copyFrom(self, ctx:ParserRuleContext):
        super().copyFrom(ctx)
        <struct.attrs:{a | self.<a.name> = ctx.<a.name>}; separator="\n">

<endif>
    <dispatchMethods; separator="\n">
    <extensionMembers; separator="\n">
```

```
>>

AltLabelStructDecl(struct,attrs,getters,dispatchMethods)
 ::= <<
class <struct.name>(<currentRule.name; format="cap">Context):

  def __init__(self, parser, ctx:ParserRuleContext): # actually a <parser.name>.<currentRule.name;
format="cap">Context
     super().__init__(parser)
     <attrs:{a | <a>}; separator="\n">
     self.copyFrom(ctx)

  <getters:{g | <g>}; separator="\n">

  <dispatchMethods; separator="\n">

>>

ListenerDispatchMethod(method) ::= <<
def <if(method.isEnter)>enter<else>exit<endif>Rule(self, listener:ParseTreeListener):
  if hasattr( listener, "<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">" ):
     listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(self)

>>

VisitorDispatchMethod(method) ::= <<
def accept(self, visitor:ParseTreeVisitor):
  if hasattr( visitor, "visit<struct.derivedFromName; format="cap">" ):
     return visitor.visit<struct.derivedFromName; format="cap">(self)
  else:
     return visitor.visitChildren(self)

>>

AttributeDecl(d) ::= "self.<d.name> = <if(d.initValue)><d.initValue><else>None<endif>"

/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "localctx"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)  ::= "self.precpred(self._ctx, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>"
recRuleSetStopToken()              ::= "self._ctx.stop = self._input.LT(-1)"

recRuleAltStartAction(ruleName, ctxName, label) ::= <<
```

```
localctx = <parser.name>.<ctxName>Context(self, _parentctx, _parentState)
<if(label)>localctx.<label> = _prevctx<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
localctx = <parser.name>.<currentAltLabel;
 format="cap">Context(self, <parser.name>.<ruleName; format="cap">Context(self, _parentctx, _parentState))
<if(label)>
<if(isListLabel)>
localctx.<label>.append(_prevctx)
<else>
localctx.<label> = _prevctx
<endif>
<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>

recRuleReplaceContext(ctxName) ::= <<
localctx = <parser.name>.<ctxName>Context(self, localctx)
self._ctx = localctx
_prevctx = localctx
>>

recRuleSetPrevCtx() ::= <<
if self._parseListeners is not None:
    self.triggerExitRuleEvent()
_prevctx = localctx
>>


LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
from antlr4 import *
from io import StringIO

<namedActions.header>

<lexer>
>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<

<atn>

class <lexer.name>(<if(superClass)><superClass><else>Lexer<endif>):

  atn = ATNDeserializer().deserialize(serializedATN())
```

```
  decisionsToDFA = [
 DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]

  <rest(lexer.modes):{m| <m> = <i>}; separator="\n">

  <lexer.tokens:{k | <k> = <lexer.tokens.(k)>}; separator="\n", wrap, anchor>

  modeNames = [ <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor> ]

  literalNames = [ "\<INVALID>",
        <lexer.literalNames:{t | <t>}; separator=", ", wrap, anchor> ]

  symbolicNames = [ "\<INVALID>",
        <lexer.symbolicNames:{t | <t>}; separator=", ", wrap, anchor> ]

  ruleNames = [ <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor> ]

  grammarFileName = "<lexer.grammarFileName>"

  def __init__(self, input=None):
     super().__init__(input)
     self.checkVersion("<lexerFile.ANTLRVersion>")
     self._interp = LexerATNSimulator(self, self.atn, self.decisionsToDFA, PredictionContextCache())
     self._actions = None
     self._predicates = None

  <namedActions.members>

  <dumpActions(lexer, "", actionFuncs, sempredFuncs)>

>>

SerializedATN(model)
 ::= <<
<! only one segment, can be inlined !>

def serializedATN():
   with StringIO() as buf:
      buf.write("<model.serialized; wrap={")<\n>      buf.write("}>")
      return buf.getvalue()

>>

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
```

```
<javaTypeInitMap.(typeName)>
>>
```

codeFileExtension() ::= ".py"

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/tool/templates/codegen/Python3/Python3.stg
No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 *  Copyright (c) 2012-2016 Terence Parr
 *  Copyright (c) 2012-2016 Sam Harwell
 *  Copyright (c) 2015 Janyou
 *  All rights reserved.
 *
 *  Redistribution and use in source and binary forms, with or without
 *  modification, are permitted provided that the following conditions
 *  are met:
 *
 *  1. Redistributions of source code must retain the above copyright
 *     notice, this list of conditions and the following disclaimer.
 *  2. Redistributions in binary form must reproduce the above copyright
 *     notice, this list of conditions and the following disclaimer in the
 *     documentation and/or other materials provided with the distribution.
 *  3. The name of the author may not be used to endorse or promote products
 *     derived from this software without specific prior written permission.
 *
 *  THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 *  IMPLIED WARRANTIES,
 INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
 *  OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 *  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 *  INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 *  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

SwiftTypeInitMap ::= [
 "Int":"0",
 "Int64":"0",
 "Float":"0.0",
 "Double":"0.0",
 "Bool":"false",
```

```
 default:"nil" // anything other than a primitive type is an object
]
SwiftTypeMap ::= [
 "int":"Int",
 "float":"Float",
 "long":"Int64",
 "double":"Double",
 "bool":"Bool",
 "boolean":"Bool",
 default : key
]
// args must be <object-model-object>,
 <fields-resulting-in-STs>


ParserFile(file, parser, namedActions,contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<namedActions.header>
import Antlr4


<parser>
>>


ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>
import Antlr4


/**
* This interface defines a complete listener for a parse tree produced by
* {@link <file.parserName>}.
*/
public protocol <file.grammarName>Listener: ParseTreeListener {
 <file.listenerNames:{lname |
/**
<if(file.listenerLabelRuleNames.(lname))>
* Enter a parse tree produced by the {@code <lname>\}
* labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
<else>
* Enter a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
- Parameters:
  - ctx: the parse tree
```

```
*/
func enter<lname;
 format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context)
/**
<if(file.listenerLabelRuleNames.(lname))>
 * Exit a parse tree produced by the {@code <lname>\}
 * labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
<else>
 * Exit a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
 - Parameters:
   - ctx: the parse tree
 */
func exit<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context)}; separator="\n">
}
>>


BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>

import Antlr4


/**
 * This class provides an empty implementation of {@link <file.grammarName>Listener},
 * which can be extended to create a listener which only needs to handle a subset
 * of the available methods.
 */
open class <file.grammarName>BaseListener: <file.grammarName>Listener {
  public init() { \}
 <file.listenerNames:{lname
 |

/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
open func enter<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context) { \}
/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
```

```
open func exit<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context) { \}};
separator="\n">

 /**
  * {@inheritDoc\}
  *
  * \<p>The default implementation does nothing.\</p>
  */
 open func enterEveryRule(_ ctx: ParserRuleContext) { }
 /**
  * {@inheritDoc\}
  *
  * \<p>The default implementation does nothing.\</p>
  */
 open func exitEveryRule(_ ctx: ParserRuleContext) { }
 /**
  * {@inheritDoc\}
  *
  * \<p>The default implementation does nothing.\</p>
  */
 open func visitTerminal(_ node: TerminalNode) { }
 /**
  * {@inheritDoc\}
  *
  * \<p>The default implementation does nothing.\</p>
  */
 open func visitErrorNode(_ node: ErrorNode) { }
}
>>

VisitorFile(file, header, namedActions)
 ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>
import Antlr4

/**
 * This interface defines a complete generic visitor for a parse tree produced
 * by {@link <file.parserName>}.
 *
 * @param \<T> The return type of the visit operation. Use {@link Void} for
 * operations with no return type.
 */
open class <file.grammarName>Visitor\<T>: ParseTreeVisitor\<T> {
 <file.visitorNames:{lname |
```

```
/**
<if(file.visitorLabelRuleNames.(lname))>
 * Visit a parse tree produced by the {@code <lname>\}
 * labeled alternative in {@link <file.parserName>#<file.visitorLabelRuleNames.(lname)>\}.
<else>
 * Visit a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
- Parameters:
 - ctx: the parse tree
- returns: the visitor result
*/
open func visit<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context) -> T{
 fatalError(#function + " must be overridden")
\}
}; separator="\n">
}
>>


BaseVisitorFile(file,
 header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>
import Antlr4


/**
 * This class provides an empty implementation of {@link <file.grammarName>Visitor},
 * which can be extended to create a visitor which only needs to handle a subset
 * of the available methods.
 *
 * @param \<T> The return type of the visit operation. Use {@link Void} for
 * operations with no return type.
 */
open class <file.grammarName>BaseVisitor\<T>: AbstractParseTreeVisitor\<T> {
 <file.visitorNames:{lname |
/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation returns the result of calling
 * {@link #visitChildren\} on {@code ctx\}.\</p>
 */
open func visit<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context) -> T? { return
visitChildren(ctx) \}}; separator="\n">
}
>>
```

```
fileHeader(grammarFileName, ANTLRVersion) ::= <<
// Generated from <grammarFileName; format="java-escape">
 by ANTLR <ANTLRVersion>
>>


Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>


Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<!//@SuppressWarnings({"all", "warnings", "unchecked", "unused", "cast"})!>
open class <parser.name>: <superClass; null="Parser"> {

 internal static var _decisionToDFA: [DFA] = {
      var decisionToDFA = [DFA]()
      let length = <parser.name>._ATN.getNumberOfDecisions()
      for i in 0..\<length {
       <!// decisionToDFA[i] = DFA(<parser.name>._ATN.getDecisionState(i)!, i);!>
        decisionToDFA.append(DFA(<parser.name>._ATN.getDecisionState(i)!, i))
        }
        return decisionToDFA
   }()
 internal static let _sharedContextCache: PredictionContextCache = PredictionContextCache()
<if(parser.tokens)>
public enum Tokens: Int {
 case EOF = -1, <parser.tokens:{k | <k> = <parser.tokens.(k)>}; separator=", ", wrap, anchor>
}
     <endif>
public
static let <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>
public static let ruleNames: [String] = [
 <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
]


<vocabulary(parser.literalNames, parser.symbolicNames)>

override
open func getGrammarFileName() -> String { return "<parser.grammarFileName; format="java-escape">" }

override
open func getRuleNames() -> [String] { return <parser.name>.ruleNames }

override
open func getSerializedATN() -> String { return <parser.name>._serializedATN }

override
open func getATN() -> ATN { return <parser.name>._ATN }
```

```
  <namedActions.members>
  <parser:(ctor)()>
  <funcs; separator="\n">

<if(sempredFuncs)>
   override
 open func sempred(_ _localctx: RuleContext?, _ ruleIndex: Int, _ predIndex: Int)throws -> Bool {
  switch (ruleIndex) {
  <parser.sempredFuncs.values:{f|
case  <f.ruleIndex>:
 return try <f.name>_sempred(_localctx?.castdown(<f.ctxType>.self), predIndex)}; separator="\n">

  default: return true
  }
  <!return true;!>
  }
 <sempredFuncs.values; separator="\n">
<endif>

 <atn>
  public static let _serializedATN : String = <parser.name>ATN().jsonString
  public static let _ATN: ATN = ATNDeserializer().deserializeFromJson(_serializedATN)
}
>>


vocabulary(literalNames, symbolicNames) ::= <<
private static let _LITERAL_NAMES: [String?] = [
 <literalNames:{t | <t>}; null="nil", separator=", ", wrap, anchor>
]
private static let _SYMBOLIC_NAMES: [String?] = [
 <symbolicNames:{t | <t>}; null="nil", separator=", ", wrap, anchor>
]
public static let VOCABULARY: Vocabulary = Vocabulary(_LITERAL_NAMES, _SYMBOLIC_NAMES)

/**
* @deprecated Use { @link #VOCABULARY} instead.
*/
//@Deprecated
public let tokenNames: [String?]? = {
  let length = _SYMBOLIC_NAMES.count
  var tokenNames = [String?](repeating: nil, count: length)
 for i in 0..\<length {
 var name = VOCABULARY.getLiteralName(i)
 if name == nil {
  name = VOCABULARY.getSymbolicName(i)
 }
 if name == nil
```

```
 {
   name = "\<INVALID>"
  }
  tokenNames[i] = name
 }
 return tokenNames
}()

override
<!//@Deprecated!>
open func getTokenNames() -> [String?]? {
 return tokenNames
}
>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
override
open func action(_ _localctx: RuleContext?,  _ ruleIndex: Int, _ actionIndex: Int) throws {
 switch (ruleIndex) {
 <recog.actionFuncs.values:{f|
case <f.ruleIndex>:
 <f.name>_action((_localctx as <f.ctxType>?), actionIndex)
  }; separator="\n">
 default: break
 }
}
<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
override
open func sempred(_ _localctx: RuleContext?, _ ruleIndex: Int,_   predIndex: Int) throws -> Bool{
 switch (ruleIndex) {
 <recog.sempredFuncs.values:{f|
case <f.ruleIndex>:
 return try <f.name>_sempred(_localctx?.castdown(<f.ctxType>.self), predIndex)}; separator="\n">
 default: return true
 }
 <!return true;!>
}
<sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(p) ::= <<

open override
```

```
func getVocabulary() -> Vocabulary {
  return <p.name>.VOCABULARY
}

public override init(_ input:TokenStream)throws {
  RuntimeMetaData.checkVersion("4.6", RuntimeMetaData.VERSION)
 try super.init(input)
 _interp = ParserATNSimulator(self,<p.name>._ATN,<p.name>._decisionToDFA,
<parser.name>._sharedContextCache)
}
>>

/* This generates a private method since the actionIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleActionFunction(r, actions) ::= <<
private func <r.name>_action(_ _localctx: <r.ctxType>?, _ actionIndex: Int) {
 switch (actionIndex) {
 <actions:{index|
case <index>:
 <actions.(index)>
  }; separator="\n">
 default: break
 }
}
>>

/* This generates a private method since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
private func <r.name>_sempred(_ _localctx: <r.ctxType>!, _ predIndex: Int) throws -> Bool {
 switch (predIndex) {
 <actions:{index|
   case <index>:return <actions.(index)>}; separator="\n">
    default: return true
 }
 <!return true;!>
}
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<
<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">
@discardableResult
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>open func
<endif><currentRule.name>(<if(first(args))>_ <endif><args; separator=", _">) throws -> <currentRule.ctxType> {
```

```
    var _localctx: <currentRule.ctxType> = <currentRule.ctxType>(_ctx, getState()<currentRule.args:{a | ,
<a.name>}>)
 try enterRule(_localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>)
 <namedActions.init>
 <locals; separator="\n">
 defer {
    <finallyAction>
    try! exitRule()
  }
 do {
<if(currentRule.hasLookaheadBlock)>
 var _alt:Int
<endif>
   <code>
 <postamble; separator="\n">
   <namedActions.after>
 }
 <if(exceptions)>
 <exceptions; separator="\n">
 <else>
 catch
 ANTLRException.recognition(let re) {
  _localctx.exception = re
  _errHandler.reportError(self, re)
  try _errHandler.recover(self, re)
 }
 <endif>

 return _localctx
 }
 >>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public final <endif> func <currentRule.name>(
<if(first(args))>_ <endif><args; separator=", _">) throws -> <currentRule.ctxType>  {
 return try <currentRule.name>(0<currentRule.args:{a | , <a.name>}>)
 }
@discardableResult
private func <currentRule.name>(_ _p<args:{a | , <a>}>: Int) throws -> <currentRule.ctxType>  {
 let _parentctx: ParserRuleContext? = _ctx
 var _parentState: Int = getState()
 var _localctx: <currentRule.ctxType> = <currentRule.ctxType>(_ctx, _parentState<currentRule.args:{a | ,
```

```
<a.name>}>)
 var _prevctx: <currentRule.ctxType>
 = _localctx
 var _startState: Int = <currentRule.startState>
 try enterRecursionRule(_localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>, _p)
 <namedActions.init>
 <locals; separator="\n">
 defer {
    <finallyAction>
    try! unrollRecursionContexts(_parentctx)
  }
 do {
<if(currentRule.hasLookaheadBlock)>
 var _alt: Int
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
 }
 catch ANTLRException.recognition(let re) {
  _localctx.exception = re
  _errHandler.reportError(self, re)
  try _errHandler.recover(self, re)
 }

 return _localctx;
 }
>>


CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
try enterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>)
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>


CodeBlockForAlt(currentAltCodeBlock,
 locals, preamble, ops) ::= <<
<!//{!>
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
<!//}!>
>>


LL1AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
```

```
<if(choice.label)><labelref(choice.label)> = try _input.LT(1)<endif>
<preamble; separator="\n">
switch (<parser.name>.Tokens(rawValue: try _input.LA(1))!) {
<choice.altLook,alts:{look,alt | <cases(ttypes=look)>
 <alt>
 break}; separator="\n">
default:
 <error>
}
>>


LL1OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
switch (<parser.name>.Tokens(rawValue: try _input.LA(1))!) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break}; separator="\n">
default:
 <error>
}
>>


LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
<preamble; separator="\n">
if (<expr>) {
 <alts; separator="\n">
}
<!else
 if ( !(<followExpr>) ) <error>!>
>>


LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
<preamble; separator="\n">
while (<loopExpr>) {
 <alts; separator="\n">
 setState(<choice.loopBackStateNumber>)
 try _errHandler.sync(self)
 <iteration>
}
>>


LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
setState(<choice.blockStartStateNumber>) <! alt block decision !>
```

```
try _errHandler.sync(self)
<preamble; separator="\n">
repeat {
 <alts; separator="\n">
 setState(<choice.stateNumber>); <! loopback/exit decision !>
 try _errHandler.sync(self)
 <iteration>
} while (<loopExpr>)
>>

// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = try _input.LT(1)<endif>
<preamble; separator="\n">
switch(try getInterpreter().adaptivePredict(_input,<choice.decision>, _ctx)) {
<alts:{alt |
case
 <i>:
 <alt>
 break}; separator="\n">
default: break
}
>>

OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
switch (try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)) {
<alts:{alt |
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break}; separator="\n">
default: break
}
>>

StarBlock(choice, alts, sync, iteration) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
_alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)
while (_alt != <choice.exitAlt> && _alt != ATN.INVALID_ALT_NUMBER) {
 if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {
  <iteration>
  <alts> <! should only be one !>
 }
```

```
setState(<choice.loopBackStateNumber>)
try _errHandler.sync(self)
_alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)
}
>>


PlusBlock(choice, alts, error) ::= <<
setState(<choice.blockStartStateNumber>); <! alt block decision !>
try _errHandler.sync(self)
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
repeat
 {
 switch (_alt) {
 <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break}; separator="\n">
 default:
  <error>
 }
 setState(<choice.loopBackStateNumber>); <! loopback/exit decision !>
 try _errHandler.sync(self)
 _alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)
} while (_alt != <choice.exitAlt> && _alt !=  ATN.INVALID_ALT_NUMBER)
>>


Sync(s) ::= "sync(<s.expecting.name>);"


ThrowNoViableAlt(t) ::= "throw try ANTLRException.recognition(e: NoViableAltException(self))"


TestSetInline(s) ::= <<
<!<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">!>
//closure
{ () -> Bool in
    <if(rest(s.bitsets))>var<else>let<endif> testSet: Bool = <first(s.bitsets):{bits |
<if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s, bits)><endif>}>
      <rest(s.bitsets):{bits | testSet =
 testSet || <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator="\n">
    return testSet
}()
>>


// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>
```

```
// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <<
<!(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((1 \<\< <offsetShift(s.varName, bits.shift)>) &
(<bits.ttypes:{ttype | (1 \<\< <offsetShift(ttype, bits.shift)>)}; separator=" | ">)) != 0)!>
{  () -> Bool in
  <! let test: Bool = (<testShiftInRange({<offsetShift(s.varName, bits.shift)>})>)!>
  <!var temp: Int64 =  Int64(<offsetShift(s.varName, bits.shift)>)!>
  <!temp = (temp \< 0) ? (64 + (temp % 64 )) : (temp % 64)!>
  <!let test1: Int64 = (Int64(1) \<\< temp)!>
  <!var test2: Int64 = (<first(bits.ttypes):{ttype
| Utils.bitLeftShift(<offsetShift(parserName(ttype), bits.shift)>)}>)!>
  <!<rest(bits.ttypes):{ttype | test2 = test2 | Utils.bitLeftShift(<offsetShift(parserName(ttype), bits.shift)>)};
separator="\n">!>
  let testArray: [Int] = [<s.varName>, <bits.ttypes:{ttype |<parserName(ttype)>}; separator=",">]
  <!var test2: Int64 = Utils.testBitLeftShiftArray(testArray)!>
   return  Utils.testBitLeftShiftArray(testArray, <bits.shift>)
}()
>>

isZero ::= [
"0": true,
default: false
]
parserName(ttype) ::= <%
<parser.name>.Tokens.<ttype>.rawValue
%>
offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName> == <parser.name>.Tokens.<ttype>.rawValue}; separator=" || ">
%>

cases(ttypes) ::= <<
<trunc(ttypes): {t | case .<t>:fallthrough}  ; separator="\n">
<last(ttypes): {t
| case .<t>:}  ; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
setState(<r.stateNumber>)
<if(r.labels)>
try {
  let assignmentValue = try
<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>)
```

```
  <r.labels:{l | <labelref(l)> = assignmentValue} ; separator="\n">
    }()
<else>try
<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>)<endif>
>>

MatchToken(m) ::= <<
setState(<m.stateNumber>)
<if(m.labels)>
try {
  let assignmentValue = try match(<parser.name>.Tokens.<m.name>.rawValue)
  <m.labels:{l | <labelref(l)> = assignmentValue}  ; separator="\n">
    }()
<else>try match(<parser.name>.Tokens.<m.name>.rawValue)<endif>
>>

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::= <<
setState(<m.stateNumber>)
<if(m.labels)><m.labels:{l | <labelref(l)>
 = }>try _input.LT(1)<endif>
<capture>
if (<if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr>)) {
 <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>try _errHandler.recoverInline(self)<if(m.labels)> as
Token<endif>
}
else {
 _errHandler.reportMatch(self)
 try consume()
}
>>

Wildcard(w) ::= <<
setState(<w.stateNumber>)
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>try matchWildcard();
>>

// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
setState(<p.stateNumber>)
```

```
if (!(<chunks>)) {
  throw try ANTLRException.recognition(e:FailedPredicateException(self, <p.predicate><if(failChunks)>,
<failChunks><elseif(p.msg)>, <p.msg><endif>))
}
>>


ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>


// lexer actions are not associated with model objects


LexerSkipCommand()  ::= "skip()"
LexerMoreCommand()  ::= "more()"
LexerPopModeCommand() ::= "popMode()"


LexerTypeCommand(arg)
    ::= "_type = <arg>"
LexerChannelCommand(arg)   ::= "_channel = <arg>"
LexerModeCommand(arg)      ::= "_mode = <arg>"
LexerPushModeCommand(arg)  ::= "pushMode(<arg>)"


ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "_localctx.<a.name>"
LocalRef(a) ::= "_localctx.<a.name>"
RetValueRef(a) ::= "_localctx.<a.name>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"


TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"


TokenPropertyRef_text(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getText()! : \"\")"
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getType() : 0)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<t.label>
 != nil ? <ctx(t)>.<t.label>!.getLine() : 0)"
TokenPropertyRef_pos(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getCharPositionInLine() : 0)"
TokenPropertyRef_channel(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getChannel() : 0)"
TokenPropertyRef_index(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getTokenIndex() : 0)"
TokenPropertyRef_int(t) ::= "(<ctx(t)>.<t.label> != nil ? Int(<ctx(t)>.<t.label>!.getText()!) : 0)"
```

RulePropertyRef_start(r) ::= "(<ctx(r)>.<r.label> != nil ? (<ctx(r)>.<r.label>!.start?.description ?? \"\") : \"\")"
RulePropertyRef_stop(r) ::= "(<ctx(r)>.<r.label> != nil ? (<ctx(r)>.<r.label>!.stop?.description ?? \"\") : \"\")"
RulePropertyRef_text(r) ::= "(<ctx(r)>.<r.label> != nil ? try
_input.getText(<ctx(r)>.<r.label>!.start,<ctx(r)>.<r.label>!.stop) : \"\")"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "self"

ThisRulePropertyRef_start(r) ::= "_localctx.start"
ThisRulePropertyRef_stop(r) ::=
 "_localctx.stop"
ThisRulePropertyRef_text(r) ::= "(try _input.getText(_localctx.start, try _input.LT(-1)))"
ThisRulePropertyRef_ctx(r) ::= "_localctx"
ThisRulePropertyRef_parser(r) ::= "self"

NonLocalAttrRef(s) ::= "((<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::=
 "((<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"

TokenDecl(t) ::= "<t.name>: <SwiftTypeMap.(TokenLabelType())>!"
TokenTypeDecl(t) ::= "var <t.name>: Int = 0"
TokenListDecl(t) ::= "<t.name>: Array\<Token> = Array\<Token>()"
RuleContextDecl(r) ::= "<r.name>: <r.ctxName>!"
RuleContextListDecl(rdecl) ::= "<rdecl.name>:Array\<<rdecl.ctxName>> = Array\<<rdecl.ctxName>>()"

ContextTokenGetterDecl(t)   ::=
  "open func <t.name>() -> TerminalNode? { return getToken(<parser.name>.Tokens.<t.name>.rawValue, 0) }"
ContextTokenListGetterDecl(t)
 ::=
  "open func <t.name>() -> Array\<TerminalNode> { return getTokens(<parser.name>.Tokens.<t.name>.rawValue)
}"
ContextTokenListIndexedGetterDecl(t) ::= <<
open func <t.name>(_ i:Int) -> TerminalNode?{
 return getToken(<parser.name>.Tokens.<t.name>.rawValue, i)
}
>>
ContextRuleGetterDecl(r)   ::= <<
open func <r.name>() -> <r.ctxName>? {
 return getRuleContext(<r.ctxName>.self,0)
}
>>
ContextRuleListGetterDecl(r) ::= <<
open func <r.name>() -> Array\<<r.ctxName>\> {
 return getRuleContexts(<r.ctxName>.self)
}
>>
ContextRuleListIndexedGetterDecl(r) ::= <<

```
open func <r.name>(_ i: Int) -> <r.ctxName>? {
 return getRuleContext(<r.ctxName>.self,i)
}
>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)    ::= "_tset<id>"
ListLabelName(label)
 ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = try _input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = try _input.LA(1)"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers,
        superClass={ParserRuleContext}) ::= <<
open class
<struct.name>:<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)>,
<interfaces; separator=", "><endif> {
 <attrs:{a | public var <a>}; separator="\n">
 <getters:{g | <g>}; separator="\n">
 <! <if(ctorAttrs)>public init(_ parent: ParserRuleContext,_ invokingState: Int) { super.init(parent, invokingState)
}<endif> !>
  <if(ctorAttrs)>
  public convenience init(_ parent: ParserRuleContext?, _ invokingState: Int<ctorAttrs:{a | , _ <a>}>) {
  self.init(parent, invokingState)
  <struct.ctorAttrs:{a | self.<a.name> = <a.name>;}; separator="\n">
  }
 <endif>
 open override func getRuleIndex() -> Int { return <parser.name>.RULE_<struct.derivedFromName> }
<if(struct.provideCopyFrom)>
 <! don't need copy unless we have subclasses !>
 <!public init() { }!>
 public  func copyFrom(_ ctx: <struct.name>) {
  super.copyFrom(ctx)
  <struct.attrs:{a | self.<a.name> = ctx.<a.name>;}; separator="\n">
 }
<endif>
 <dispatchMethods; separator="\n">
 <extensionMembers; separator="\n">
}
```

```
>>

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
public  final class <struct.name>: <currentRule.name; format="cap">Context {
 <attrs:{a | public var <a>}; separator="\n">
 <getters:{g | <g>}; separator="\n">
 public init(_ ctx: <currentRule.name; format="cap">Context) {
  super.init()
  copyFrom(ctx)
 }
 <dispatchMethods; separator="\n">
}
>>

ListenerDispatchMethod(method) ::= <<
override
open func <if(method.isEnter)>enter<else>exit<endif>Rule(_ listener: ParseTreeListener) {
 if listener is <parser.grammarName>Listener {
   (listener as!
<parser.grammarName>Listener).<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName;
format="cap">(self)
 }
}
>>

VisitorDispatchMethod(method)
 ::= <<
override
open func accept\<T>(_ visitor: ParseTreeVisitor\<T>) -> T? {
 if visitor is <parser.grammarName>Visitor {
     return (visitor as! <parser.grammarName>Visitor\<T>).visit<struct.derivedFromName; format="cap">(self)
 }else if visitor is <parser.grammarName>BaseVisitor {
    return (visitor as! <parser.grammarName>BaseVisitor\<T>).visit<struct.derivedFromName; format="cap">(self)
  }
 else {
     return visitor.visitChildren(self)
 }
}
>>

AttributeDecl(d) ::= "<d.name>: <SwiftTypeMap.(d.type)><if(d.initValue)> = <d.initValue><else>!<endif>"

/** If we don't know location of label def x, use this template (_localctx as! <x.ctx.name> */
labelref(x) ::= "<if(!x.isLocal)>_localctx.castdown(<x.ctx.name>.self).<endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr?    */
ctx(actionChunk) ::= "_localctx.castdown(<actionChunk.ctx.name>.self)"
```

```
// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)
  ::= "precpred(_ctx, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>"
recRuleSetStopToken()              ::= "_ctx!.stop = try _input.LT(-1)"

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
_localctx = <ctxName>Context(_parentctx, _parentState);
<if(label)>
<if(isListLabel)>
_localctx.<label>.append(_prevctx)
<else>
_localctx.<label> = _prevctx
<endif>
<endif>
<if(label)>_localctx.<label> = _prevctx;<endif>
try pushNewRecursionContext(_localctx, _startState, <parser.name>.RULE_<ruleName>)
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
_localctx = <currentAltLabel; format="cap">Context(  <ruleName; format="cap">Context(_parentctx,
_parentState))
<if(label)>
<if(isListLabel)>
(_localctx as! <currentAltLabel; format="cap">Context).<label>.append(_prevctx)
<else>
(_localctx as! <currentAltLabel; format="cap">Context).<label> = _prevctx
<endif>
<endif>
try pushNewRecursionContext(_localctx, _startState,
 <parser.name>.RULE_<ruleName>)
>>

recRuleReplaceContext(ctxName) ::= <<
_localctx = <ctxName>Context(_localctx)
_ctx = _localctx
_prevctx = _localctx
>>

recRuleSetPrevCtx() ::= <<
if _parseListeners != nil {
  try triggerExitRuleEvent()
}
_prevctx = _localctx
>>


LexerFile(lexerFile, lexer, namedActions) ::= <<
```

```
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
<if(lexerFile.genPackage)>
<!package <lexerFile.genPackage>;!>
<endif>
<namedActions.header>
import Antlr4

<lexer>
>>
Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
open class <lexer.name>: <superClass; null="Lexer"> {
 internal static var _decisionToDFA: [DFA] = {
     var decisionToDFA = [DFA]()
     let length = <lexer.name>._ATN.getNumberOfDecisions()
     for i in 0..\<length {
       <! decisionToDFA[i] = DFA(<lexer.name>._ATN.getDecisionState(i)!, i);!>
         decisionToDFA.append(DFA(<lexer.name>._ATN.getDecisionState(i)!, i))
     }

 return decisionToDFA
   }()

internal static let _sharedContextCache:PredictionContextCache = PredictionContextCache()
public static let <lexer.tokens:{k | <k>=<lexer.tokens.(k)>}; separator=", ", wrap, anchor>
<if(lexer.channels)>
   public let <lexer.channels:{k | <k>=<lexer.channels.(k)>}; separator=", ", wrap, anchor>
<endif>
<rest(lexer.modes):{m| public static let <m>: Int = <i>;}; separator="\n">
public static let modeNames: [String] = [
 <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor>
]

public static let ruleNames: [String] = [
 <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
]

<vocabulary(lexer.literalNames, lexer.symbolicNames)>

<namedActions.members>
  open override func getVocabulary() -> Vocabulary {
     return <lexer.name>.VOCABULARY
  }

public override init(_ input: CharStream) {
    RuntimeMetaData.checkVersion("<lexerFile.ANTLRVersion>", RuntimeMetaData.VERSION)
 super.init(input)
 _interp = LexerATNSimulator(self, <lexer.name>._ATN,
```

```
    <lexer.name>._decisionToDFA, <lexer.name>._sharedContextCache)
 }

 override
 open func getGrammarFileName() -> String { return "<lexer.grammarFileName>" }

  override
 open func getRuleNames() -> [String] { return <lexer.name>.ruleNames }

 override
 open func getSerializedATN() -> String { return <lexer.name>._serializedATN }

 override
 open func getModeNames() -> [String] { return <lexer.name>.modeNames }

 override
 open func getATN() -> ATN { return <lexer.name>._ATN }

 <dumpActions(lexer, "", actionFuncs, sempredFuncs)>
 <atn>
   public static let _serializedATN: String = <lexer.name>ATN().jsonString
 public static let _ATN: ATN = ATNDeserializer().deserializeFromJson(_serializedATN)
}
>>


/** Don't need to define anything. The tool generates a XParserATN.swift file (and same for lexer)
 *  which is referenced from static field _serializedATN.  This json string is passed to
 *  deserializeFromJson(). Note this is not the "serialization as array of ints" that
 other targets
 *  do. It is more or less the output of ATNPrinter which gets read back in.
 */
SerializedATN(model) ::= <<
>>


/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<SwiftTypeInitMap.(typeName)>
>>


codeFileExtension() ::= ".swift"
```

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/tool/templates/codegen/Swift/Swift.stg
No license file was found, but licenses were detected in source scan.

/*

[The "BSD license"]

Copyright (c) 2010 Terence Parr

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright

   notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

   notice, this list of conditions and the following disclaimer in the

   documentation and/or other materials provided with the distribution.

3. The name of the author may not be used to endorse or promote products

   derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR

IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES

OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.

 IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,

INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT

NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF

THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

*/

Found in path(s):

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/ATNBuilder.java

No license file was found, but licenses were detected in source scan.

/*

[The "BSD license"]

Copyright (c) 2011 Terence Parr

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright

   notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright

   notice, this list of conditions and the following disclaimer in the

   documentation and/or other materials provided with the distribution.

3. The name of the author may not be used to endorse or promote products

   derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR

IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
 DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/parse/GrammarTreeVisitor.java
No license file was found, but licenses were detected in source scan.

/*
* [The "BSD license"]
* Copyright (c) 2012-2016 Terence Parr
* Copyright (c) 2012-2016 Sam Harwell
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

```
/** How to generate rules derived from left-recursive rules.
 *  These rely on recRuleAltPredicate(),
 *  recRuleArg(), recRuleSetResultAction(), recRuleSetReturnAction()
 *  templates in main language.stg
 */
group LeftRecursiveRules;

recRule(ruleName, argName, primaryAlts, opAlts, setResultAction,
        userRetvals, leftRecursiveRuleRefLabels) ::=
<<
<ruleName><if(userRetvals)>
 returns [<userRetvals>]<endif>
  : ( {} <primaryAlts:{alt | <alt.altText> }; separator="\n      | ">
    )
    (
      <opAlts; separator="\n      | ">
    )*
  ;
>>


recRuleAlt(alt, precOption, opPrec, pred) ::= <<
{<pred>}?\<<precOption>=<opPrec>\> <alt.altText>
>>
```

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/tool/templates/LeftRecursiveRules.stg
No license file was found, but licenses were detected in source scan.

3. The name of the author may not be used to endorse or promote products
derived from this software without specific prior written permission.

THIS
SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/gui/GraphicsSupport.java
No license file was found, but licenses were detected in source scan.

/*
[The "BSD licence"]
Copyright (c) 2006 Kay Roepke
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
   derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
/*

This file contains the actual layout of the messages emitted by ANTLR.
This file contains the default format ANTLR uses.
*/

location(file, line, column) ::= "<file>:<line>:<column>:"

message(id, text) ::= "(<id>) <text>"

report(location, message, type) ::= "<type>(<message.id>): <location> <message.text>"

wantsSingleLineMessage() ::= "false"

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/templates/messages/formats/antlr.stg
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/ANTLRLexer.java

No license file was found, but licenses were detected in source scan.

/*
* [The "BSD license"]
* Copyright (c) 2016, Mike Lischke
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY
 AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/tool/templates/codegen/Cpp/Files.stg
No license file was found, but licenses were detected in source scan.

/*
[The "BSD licence"]
Copyright (c) 2006 Kay Roepke
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright

notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
/*
This file contains the actual layout of the messages emitted by ANTLR.
The text itself is coming out of the languages/*stg files, according to the chosen locale.
This file contains the format that mimicks GCC output.
*/

location(file, line, column) ::= "<file>:<line>:"

message(id, text) ::= "<text> (<id>)"

report(location, message, type) ::= "<location> <type>: <message>"

wantsSingleLineMessage() ::= "true"

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-
jar/org/antlr/v4/tool/templates/messages/formats/gnu.stg
No license file was found, but licenses were detected in source scan.

/*
* [The "BSD license"]
* Copyright (c) 2012-2016 Terence Parr
* Copyright (c) 2012-2016 Sam Harwell
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright

```
/** The definitive ANTLR v3 tree grammar to walk/visit ANTLR v4 grammars.
 * Parses trees created by ANTLRParser.g.
 *
 * Rather than have multiple tree grammars, one for each visit, I'm
 * creating this generic visitor that knows about context. All of the
 * boilerplate pattern recognition is done here. Then, subclasses can
 * override the methods they care about.
 This prevents a lot of the same
 * context tracking stuff like "set current alternative for current
 * rule node" that is repeated in lots of tree filters.
 */
tree grammar GrammarTreeVisitor;
options {
 language     = Java;
 tokenVocab    = ANTLRParser;
 ASTLabelType  = GrammarAST;
}

// Include the copyright in this source and also the generated source
@header {
/*
[The "BSD license"]
Copyright (c) 2011 Terence Parr
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
```

notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright

   notice, this list of conditions and the following disclaimer in the

   documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse

 or promote products

   derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
package org.antlr.v4.parse;
import org.antlr.v4.Tool;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.lang.reflect.InvocationTargetException;
import java.lang.reflect.Method;
}

@members
 {
public String grammarName;
public GrammarAST currentRuleAST;
public String currentModeName = LexerGrammar.DEFAULT_MODE_NAME;
public String currentRuleName;
public GrammarAST currentOuterAltRoot;
public int currentOuterAltNumber = 1; // 1..n
public int rewriteEBNFLevel = 0;

public GrammarTreeVisitor() { this(null); }

// Should be abstract but can't make gen'd parser abstract;
// subclasses should implement else everything goes to stderr!
public ErrorManager getErrorManager() { return null; }

public void visitGrammar(GrammarAST t) { visit(t, "grammarSpec"); }
public void visit(GrammarAST t, String ruleName) {
 CommonTreeNodeStream nodes = new CommonTreeNodeStream(new GrammarASTAdaptor(), t);
 setTreeNodeStream(nodes);
 try {

```java
    Method m = getClass().getMethod(ruleName);
    m.invoke(this);
    }
    catch (Throwable e) {
    ErrorManager errMgr = getErrorManager();
    if ( e instanceof InvocationTargetException ) {
     e = e.getCause();
    }
    //e.printStackTrace(System.err);
    if
    ( errMgr==null ) {
     System.err.println("can't find rule "+ruleName+
          " or tree structure error: "+t.toStringTree()
          );
     e.printStackTrace(System.err);
    }
    else errMgr.toolError(ErrorType.INTERNAL_ERROR, e);
    }
}

public void discoverGrammar(GrammarRootAST root, GrammarAST ID) { }
public void finishPrequels(GrammarAST firstPrequel) { }
public void finishGrammar(GrammarRootAST root, GrammarAST ID) { }

public void grammarOption(GrammarAST ID, GrammarAST valueAST) { }
public void ruleOption(GrammarAST ID, GrammarAST valueAST) { }
public void blockOption(GrammarAST ID, GrammarAST valueAST) { }
public void defineToken(GrammarAST ID) { }
public void defineChannel(GrammarAST ID) { }
public void globalNamedAction(GrammarAST scope, GrammarAST ID, ActionAST action) { }
public void importGrammar(GrammarAST label, GrammarAST ID) { }

public void modeDef(GrammarAST m, GrammarAST ID) { }

public void discoverRules(GrammarAST rules) { }
public void finishRules(GrammarAST
 rule) { }
public void discoverRule(RuleAST rule, GrammarAST ID, List<GrammarAST> modifiers,
     ActionAST arg, ActionAST returns, GrammarAST thrws,
     GrammarAST options, ActionAST locals,
     List<GrammarAST> actions,
     GrammarAST block) { }
public void finishRule(RuleAST rule, GrammarAST ID, GrammarAST block) { }
public void discoverLexerRule(RuleAST rule, GrammarAST ID, List<GrammarAST> modifiers,
                 GrammarAST block) { }
public void finishLexerRule(RuleAST rule, GrammarAST ID, GrammarAST block) { }
public void ruleCatch(GrammarAST arg, ActionAST action) { }
public void finallyAction(ActionAST action) { }
```

```java
public void discoverOuterAlt(AltAST alt) { }
public void finishOuterAlt(AltAST alt) { }
public void discoverAlt(AltAST alt) { }
public void finishAlt(AltAST alt) { }

public void ruleRef(GrammarAST ref, ActionAST arg) { }
public void tokenRef(TerminalAST ref) { }
public void elementOption(GrammarASTWithOptions t, GrammarAST ID, GrammarAST
 valueAST) { }
public void stringRef(TerminalAST ref) { }
public void wildcardRef(GrammarAST ref) { }
public void actionInAlt(ActionAST action) { }
public void sempredInAlt(PredAST pred) { }
public void label(GrammarAST op, GrammarAST ID, GrammarAST element) { }
public void lexerCallCommand(int outerAltNumber, GrammarAST ID, GrammarAST arg) { }
public void lexerCommand(int outerAltNumber, GrammarAST ID) { }

protected void enterGrammarSpec(GrammarAST tree) { }
protected void exitGrammarSpec(GrammarAST tree) { }

protected void enterPrequelConstructs(GrammarAST tree) { }
protected void exitPrequelConstructs(GrammarAST tree) { }

protected void enterPrequelConstruct(GrammarAST tree) { }
protected void exitPrequelConstruct(GrammarAST tree) { }

protected void enterOptionsSpec(GrammarAST tree) { }
protected void exitOptionsSpec(GrammarAST tree) { }

protected void enterOption(GrammarAST tree) { }
protected void exitOption(GrammarAST tree) { }

protected void enterOptionValue(GrammarAST
 tree) { }
protected void exitOptionValue(GrammarAST tree) { }

protected void enterDelegateGrammars(GrammarAST tree) { }
protected void exitDelegateGrammars(GrammarAST tree) { }

protected void enterDelegateGrammar(GrammarAST tree) { }
protected void exitDelegateGrammar(GrammarAST tree) { }

protected void enterTokensSpec(GrammarAST tree) { }
protected void exitTokensSpec(GrammarAST tree) { }

protected void enterTokenSpec(GrammarAST tree) { }
protected void exitTokenSpec(GrammarAST tree) { }
```

```java
protected void enterChannelsSpec(GrammarAST tree) { }
protected void exitChannelsSpec(GrammarAST tree) { }

protected void enterChannelSpec(GrammarAST tree) { }
protected void exitChannelSpec(GrammarAST tree) { }

protected void enterAction(GrammarAST tree) { }
protected void exitAction(GrammarAST tree) { }

protected void enterRules(GrammarAST tree) { }
protected void exitRules(GrammarAST tree) { }

protected void enterMode(GrammarAST tree) { }
protected void exitMode(GrammarAST tree) { }

protected
 void enterLexerRule(GrammarAST tree) { }
protected void exitLexerRule(GrammarAST tree) { }

protected void enterRule(GrammarAST tree) { }
protected void exitRule(GrammarAST tree) { }

protected void enterExceptionGroup(GrammarAST tree) { }
protected void exitExceptionGroup(GrammarAST tree) { }

protected void enterExceptionHandler(GrammarAST tree) { }
protected void exitExceptionHandler(GrammarAST tree) { }

protected void enterFinallyClause(GrammarAST tree) { }
protected void exitFinallyClause(GrammarAST tree) { }

protected void enterLocals(GrammarAST tree) { }
protected void exitLocals(GrammarAST tree) { }

protected void enterRuleReturns(GrammarAST tree) { }
protected void exitRuleReturns(GrammarAST tree) { }

protected void enterThrowsSpec(GrammarAST tree) { }
protected void exitThrowsSpec(GrammarAST tree) { }

protected void enterRuleAction(GrammarAST tree) { }
protected void exitRuleAction(GrammarAST tree) { }

protected void enterRuleModifier(GrammarAST tree) { }
protected
 void exitRuleModifier(GrammarAST tree) { }

protected void enterLexerRuleBlock(GrammarAST tree) { }
```

```java
protected void exitLexerRuleBlock(GrammarAST tree) { }

protected void enterRuleBlock(GrammarAST tree) { }
protected void exitRuleBlock(GrammarAST tree) { }

protected void enterLexerOuterAlternative(AltAST tree) { }
protected void exitLexerOuterAlternative(AltAST tree) { }

protected void enterOuterAlternative(AltAST tree) { }
protected void exitOuterAlternative(AltAST tree) { }

protected void enterLexerAlternative(GrammarAST tree) { }
protected void exitLexerAlternative(GrammarAST tree) { }

protected void enterLexerElements(GrammarAST tree) { }
protected void exitLexerElements(GrammarAST tree) { }

protected void enterLexerElement(GrammarAST tree) { }
protected void exitLexerElement(GrammarAST tree) { }

protected void enterLabeledLexerElement(GrammarAST tree) { }
protected void exitLabeledLexerElement(GrammarAST tree) { }

protected void enterLexerBlock(GrammarAST tree) { }
protected
 void exitLexerBlock(GrammarAST tree) { }

protected void enterLexerAtom(GrammarAST tree) { }
protected void exitLexerAtom(GrammarAST tree) { }

protected void enterActionElement(GrammarAST tree) { }
protected void exitActionElement(GrammarAST tree) { }

protected void enterAlternative(AltAST tree) { }
protected void exitAlternative(AltAST tree) { }

protected void enterLexerCommand(GrammarAST tree) { }
protected void exitLexerCommand(GrammarAST tree) { }

protected void enterLexerCommandExpr(GrammarAST tree) { }
protected void exitLexerCommandExpr(GrammarAST tree) { }

protected void enterElement(GrammarAST tree) { }
protected void exitElement(GrammarAST tree) { }

protected void enterAstOperand(GrammarAST tree) { }
protected void exitAstOperand(GrammarAST tree) { }
```

```java
protected void enterLabeledElement(GrammarAST tree) { }
protected void exitLabeledElement(GrammarAST tree) { }

protected void enterSubrule(GrammarAST tree) { }
protected void exitSubrule(GrammarAST tree) { }

protected
 void enterLexerSubrule(GrammarAST tree) { }
protected void exitLexerSubrule(GrammarAST tree) { }

protected void enterBlockSuffix(GrammarAST tree) { }
protected void exitBlockSuffix(GrammarAST tree) { }

protected void enterEbnfSuffix(GrammarAST tree) { }
protected void exitEbnfSuffix(GrammarAST tree) { }

protected void enterAtom(GrammarAST tree) { }
protected void exitAtom(GrammarAST tree) { }

protected void enterBlockSet(GrammarAST tree) { }
protected void exitBlockSet(GrammarAST tree) { }

protected void enterSetElement(GrammarAST tree) { }
protected void exitSetElement(GrammarAST tree) { }

protected void enterBlock(GrammarAST tree) { }
protected void exitBlock(GrammarAST tree) { }

protected void enterRuleref(GrammarAST tree) { }
protected void exitRuleref(GrammarAST tree) { }

protected void enterRange(GrammarAST tree) { }
protected void exitRange(GrammarAST tree) { }

protected void enterTerminal(GrammarAST tree) { }
protected void exitTerminal(GrammarAST tree) { }

protected
 void enterElementOptions(GrammarAST tree) { }
protected void exitElementOptions(GrammarAST tree) { }

protected void enterElementOption(GrammarAST tree) { }
protected void exitElementOption(GrammarAST tree) { }

 @Override
 public void traceIn(String ruleName, int ruleIndex)  {
  System.err.println("enter "+ruleName+": "+input.LT(1));
 }
```

```
@Override
public void traceOut(String ruleName, int ruleIndex)  {
 System.err.println("exit "+ruleName+": "+input.LT(1));
 }
}

grammarSpec
@init {
 enterGrammarSpec($start);
}
@after {
 exitGrammarSpec($start);
}
  :   ^( GRAMMAR ID {grammarName=$ID.text;}
    {discoverGrammar((GrammarRootAST)$GRAMMAR, $ID);}
     prequelConstructs
    {finishPrequels($prequelConstructs.firstOne);}
     rules mode*
    {finishGrammar((GrammarRootAST)$GRAMMAR, $ID);}
  )
;

prequelConstructs returns [GrammarAST firstOne=null]
@init {
 enterPrequelConstructs($start);
}
@after {
 exitPrequelConstructs($start);
}
 : {$firstOne=$start;} prequelConstruct+
 |
 ;

prequelConstruct
@init
 {
 enterPrequelConstructs($start);
}
@after {
 exitPrequelConstructs($start);
}
 :  optionsSpec
  |  delegateGrammars
  |  tokensSpec
  |  channelsSpec
  |  action
  ;
```

```
optionsSpec
@init {
enterOptionsSpec($start);
}
@after {
exitOptionsSpec($start);
}
 : ^(OPTIONS option*)
  ;

option
@init {
enterOption($start);
boolean rule = inContext("RULE ...");
boolean block = inContext("BLOCK ...");
}
@after {
exitOption($start);
}
  :  ^(a=ASSIGN ID v=optionValue)
   {
   if ( block ) blockOption($ID, $v.start); // most specific first
   else if ( rule ) ruleOption($ID, $v.start);
   else grammarOption($ID, $v.start);
   }
  ;

optionValue returns [String v]
@init {
enterOptionValue($start);
$v = $start.token.getText();
}
@after {
exitOptionValue($start);
}
  :  ID
  | STRING_LITERAL
  | INT
  ;

delegateGrammars
@init {
enterDelegateGrammars($start);
}
@after {
exitDelegateGrammars($start);
}
```

```
 :  ^(IMPORT
delegateGrammar+)
;

delegateGrammar
@init {
enterDelegateGrammar($start);
}
@after {
exitDelegateGrammar($start);
}
  :  ^(ASSIGN label=ID id=ID) {importGrammar($label, $id);}
  |  id=ID      {importGrammar(null, $id);}
  ;

tokensSpec
@init {
enterTokensSpec($start);
}
@after {
exitTokensSpec($start);
}
 :  ^(TOKENS_SPEC tokenSpec+)
;

tokenSpec
@init {
enterTokenSpec($start);
}
@after {
exitTokenSpec($start);
}
 : ID     {defineToken($ID);}
;

channelsSpec
@init {
enterChannelsSpec($start);
}
@after {
exitChannelsSpec($start);
}
 :  ^(CHANNELS channelSpec+)
;

channelSpec
@init {
enterChannelSpec($start);
```

```
}
@after {
exitChannelSpec($start);
}
: ID    {defineChannel($ID);}
;


action
@init {
enterAction($start);
}
@after {
exitAction($start);
}
: ^(AT sc=ID? name=ID ACTION) {globalNamedAction($sc, $name, (ActionAST)$ACTION);}
;


rules
@init {
enterRules($start);
}
@after {
exitRules($start);
}
  : ^(RULES {discoverRules($RULES);} (rule|lexerRule)*
{finishRules($RULES);})
  ;


mode
@init {
enterMode($start);
}
@after {
exitMode($start);
}
: ^( MODE ID {currentModeName=$ID.text; modeDef($MODE, $ID);} lexerRule* )
;


lexerRule
@init {
enterLexerRule($start);
List<GrammarAST> mods = new ArrayList<GrammarAST>();
currentOuterAltNumber=0;
}
@after {
exitLexerRule($start);
}
: ^( RULE TOKEN_REF
```

```
    {currentRuleName=$TOKEN_REF.text; currentRuleAST=$RULE;}
    (^(RULEMODIFIERS m=FRAGMENT {mods.add($m);}))?
        {discoverLexerRule((RuleAST)$RULE, $TOKEN_REF, mods, (GrammarAST)input.LT(1));}
        lexerRuleBlock
        {
        finishLexerRule((RuleAST)$RULE, $TOKEN_REF, $lexerRuleBlock.start);
        currentRuleName=null; currentRuleAST=null;
        }
        )
;

rule
@init {
 enterRule($start);
 List<GrammarAST> mods = new ArrayList<GrammarAST>();
 List<GrammarAST> actions = new ArrayList<GrammarAST>(); // track roots
 currentOuterAltNumber=0;
}
@after {
 exitRule($start);
}
 :  ^( RULE RULE_REF {currentRuleName=$RULE_REF.text;
 currentRuleAST=$RULE;}
    (^(RULEMODIFIERS (m=ruleModifier{mods.add($m.start);})+))?
    ARG_ACTION?
        ret=ruleReturns?
        thr=throwsSpec?
        loc=locals?
        ( opts=optionsSpec
        |  a=ruleAction {actions.add($a.start);}
        )*
        {discoverRule((RuleAST)$RULE, $RULE_REF, mods, (ActionAST)$ARG_ACTION,
            $ret.start!=null?(ActionAST)$ret.start.getChild(0):null,
            $thr.start, $opts.start,
            $loc.start!=null?(ActionAST)$loc.start.getChild(0):null,
            actions, (GrammarAST)input.LT(1));}
        ruleBlock exceptionGroup
        {finishRule((RuleAST)$RULE, $RULE_REF, $ruleBlock.start); currentRuleName=null; currentRuleAST=null;}
        )
 ;

exceptionGroup
@init {
 enterExceptionGroup($start);
}
@after {
 exitExceptionGroup($start);
}
```

```
  : exceptionHandler* finallyClause?
  ;

exceptionHandler
@init {
 enterExceptionHandler($start);
}
@after {
 exitExceptionHandler($start);
}
 : ^(CATCH ARG_ACTION ACTION) {ruleCatch($ARG_ACTION,
 (ActionAST)$ACTION);}
 ;

finallyClause
@init {
 enterFinallyClause($start);
}
@after {
 exitFinallyClause($start);
}
 : ^(FINALLY ACTION)    {finallyAction((ActionAST)$ACTION);}
 ;

locals
@init {
 enterLocals($start);
}
@after {
 exitLocals($start);
}
 : ^(LOCALS ARG_ACTION)
 ;

ruleReturns
@init {
 enterRuleReturns($start);
}
@after {
 exitRuleReturns($start);
}
 : ^(RETURNS ARG_ACTION)
 ;

throwsSpec
@init {
 enterThrowsSpec($start);
}
```

```
@after {
exitThrowsSpec($start);
}
 : ^(THROWS ID+)
 ;


ruleAction
@init {
enterRuleAction($start);
}
@after {
exitRuleAction($start);
}
 : ^(AT ID ACTION)
 ;


ruleModifier
@init {
enterRuleModifier($start);
}
@after {
exitRuleModifier($start);
}
 : PUBLIC
 | PRIVATE
 | PROTECTED
 | FRAGMENT
 ;


lexerRuleBlock
@init {
enterLexerRuleBlock($start);
}
@after {
exitLexerRuleBlock($start);
}
 : ^( BLOCK
  ( {
   currentOuterAltRoot = (GrammarAST)input.LT(1);
  currentOuterAltNumber++;
  }
    lexerOuterAlternative
  )+
  )
 ;


ruleBlock
@init {
```

```
enterRuleBlock($start);
}
@after {
exitRuleBlock($start);
}
  : ^( BLOCK
    ( {
     currentOuterAltRoot = (GrammarAST)input.LT(1);
    currentOuterAltNumber++;
    }
     outerAlternative
    )+
    )
  ;


lexerOuterAlternative
@init {
enterLexerOuterAlternative((AltAST)$start);
discoverOuterAlt((AltAST)$start);
}
@after {
finishOuterAlt((AltAST)$start);
exitLexerOuterAlternative((AltAST)$start);
}
 : lexerAlternative
 ;



outerAlternative
@init {
enterOuterAlternative((AltAST)$start);
discoverOuterAlt((AltAST)$start);
}
@after {
finishOuterAlt((AltAST)$start);
exitOuterAlternative((AltAST)$start);
}
 : alternative
 ;

lexerAlternative
@init {
enterLexerAlternative($start);
}
@after {
exitLexerAlternative($start);
}
 : ^(LEXER_ALT_ACTION lexerElements lexerCommand+)
```

```
  |  lexerElements
  ;

lexerElements
@init {
enterLexerElements($start);
}
@after {
exitLexerElements($start);
}
  : ^(ALT lexerElement+)
  ;

lexerElement
@init {
enterLexerElement($start);
}
@after {
exitLexerElement($start);
}
 : labeledLexerElement
 | lexerAtom
 | lexerSubrule
 |  ACTION      {actionInAlt((ActionAST)$ACTION);}
 |  SEMPRED     {sempredInAlt((PredAST)$SEMPRED);}
 |  ^(ACTION elementOptions) {actionInAlt((ActionAST)$ACTION);}
 |  ^(SEMPRED elementOptions) {sempredInAlt((PredAST)$SEMPRED);}
 | EPSILON
 ;

labeledLexerElement
@init {
enterLabeledLexerElement($start);
}
@after {
exitLabeledLexerElement($start);
}
  :  ^((ASSIGN|PLUS_ASSIGN) ID (lexerAtom|block))
  ;

lexerBlock
@init {
enterLexerBlock($start);
}
@after {
exitLexerBlock($start);
}
 : ^(BLOCK optionsSpec? lexerAlternative+)
```

```
    ;

lexerAtom
@init {
 enterLexerAtom($start);
}
@after {
 exitLexerAtom($start);
}
  :  terminal
  |  ^(NOT blockSet)
  |  blockSet
  |  ^(WILDCARD elementOptions)
  |  WILDCARD
  | LEXER_CHAR_SET
  |  range
  |  ruleref
  ;

actionElement
@init {
 enterActionElement($start);
}
@after
 {
 exitActionElement($start);
}
 : ACTION
 |  ^(ACTION elementOptions)
 |  SEMPRED
 |  ^(SEMPRED elementOptions)
 ;

alternative
@init {
 enterAlternative((AltAST)$start);
 discoverAlt((AltAST)$start);
}
@after {
 finishAlt((AltAST)$start);
 exitAlternative((AltAST)$start);
}
 : ^(ALT elementOptions? element+)
 | ^(ALT elementOptions? EPSILON)
  ;

lexerCommand
@init {
```

```
enterLexerCommand($start);
}
@after {
exitLexerCommand($start);
}
: ^(LEXER_ACTION_CALL ID lexerCommandExpr)
    {lexerCallCommand(currentOuterAltNumber, $ID, $lexerCommandExpr.start);}
| ID
    {lexerCommand(currentOuterAltNumber, $ID);}
;

lexerCommandExpr
@init {
enterLexerCommandExpr($start);
}
@after {
exitLexerCommandExpr($start);
}
: ID
| INT
;

element
@init {
enterElement($start);
}
@after {
exitElement($start);
}
: labeledElement
| atom
| subrule
|   ACTION     {actionInAlt((ActionAST)$ACTION);}
|   SEMPRED    {sempredInAlt((PredAST)$SEMPRED);}
|
  ^(ACTION elementOptions) {actionInAlt((ActionAST)$ACTION);}
|   ^(SEMPRED elementOptions) {sempredInAlt((PredAST)$SEMPRED);}

| ^(NOT blockSet)
| ^(NOT block)
;

astOperand
@init {
enterAstOperand($start);
}
@after {
exitAstOperand($start);
```

```
}
: atom
| ^(NOT blockSet)
| ^(NOT block)
;

labeledElement
@init {
enterLabeledElement($start);
}
@after {
exitLabeledElement($start);
}
: ^((ASSIGN|PLUS_ASSIGN) ID element) {label($start, $ID, $element.start);}
;

subrule
@init {
enterSubrule($start);
}
@after {
exitSubrule($start);
}
: ^(blockSuffix block)
| block
;

lexerSubrule
@init {
enterLexerSubrule($start);
}
@after {
exitLexerSubrule($start);
}
: ^(blockSuffix lexerBlock)
| lexerBlock
;

blockSuffix
@init {
enterBlockSuffix($start);
}
@after {
exitBlockSuffix($start);
}
  : ebnfSuffix
  ;
```

```
ebnfSuffix
@init {
enterEbnfSuffix($start);
}
@after {
exitEbnfSuffix($start);
}
: OPTIONAL
| CLOSURE
 | POSITIVE_CLOSURE
;

atom
@init {
enterAtom($start);
}
@after
 {
exitAtom($start);
}
: ^(DOT ID terminal)
| ^(DOT ID ruleref)
 | ^(WILDCARD elementOptions) {wildcardRef($WILDCARD);}
 | WILDCARD    {wildcardRef($WILDCARD);}
 |  terminal
 | blockSet
 |  ruleref
 ;

blockSet
@init {
enterBlockSet($start);
}
@after {
exitBlockSet($start);
}
: ^(SET setElement+)
;

setElement
@init {
enterSetElement($start);
}
@after {
exitSetElement($start);
}
: ^(STRING_LITERAL elementOptions)   {stringRef((TerminalAST)$STRING_LITERAL);}
| ^(TOKEN_REF elementOptions)   {tokenRef((TerminalAST)$TOKEN_REF);}
```

```
| STRING_LITERAL                {stringRef((TerminalAST)$STRING_LITERAL);}
| TOKEN_REF                {tokenRef((TerminalAST)$TOKEN_REF);}
| ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
 {
 stringRef((TerminalAST)$a);
 stringRef((TerminalAST)$b);
 }
     |     LEXER_CHAR_SET
 ;

block
@init {
 enterBlock($start);
}
@after {
 exitBlock($start);
}
  : ^(BLOCK optionsSpec? ruleAction* ACTION? alternative+)
  ;

ruleref
@init {
 enterRuleref($start);
}
@after {
 exitRuleref($start);
}
  : ^(RULE_REF arg=ARG_ACTION? elementOptions?)
  {
  ruleRef($RULE_REF, (ActionAST)$ARG_ACTION);
  if ( $arg!=null ) actionInAlt((ActionAST)$arg);
  }
  ;

range
@init {
 enterRange($start);
}
@after {
 exitRange($start);
}
  : ^(RANGE STRING_LITERAL STRING_LITERAL)
  ;

terminal
@init {
 enterTerminal($start);
}
```

```
@after {
exitTerminal($start);
}
  :  ^(STRING_LITERAL elementOptions)
        {stringRef((TerminalAST)$STRING_LITERAL);}
  | STRING_LITERAL    {stringRef((TerminalAST)$STRING_LITERAL);}
  | ^(TOKEN_REF elementOptions) {tokenRef((TerminalAST)$TOKEN_REF);}
  | TOKEN_REF       {tokenRef((TerminalAST)$TOKEN_REF);}
  ;

elementOptions
@init {
enterElementOptions($start);
}
@after {
exitElementOptions($start);
}
  : ^(ELEMENT_OPTIONS elementOption[(GrammarASTWithOptions)$start.getParent()]*)
  ;

elementOption[GrammarASTWithOptions t]
@init {
enterElementOption($start);
}
@after
 {
exitElementOption($start);
}
  : ID       {elementOption(t, $ID, null);}
  |  ^(ASSIGN id=ID v=ID)   {elementOption(t, $id, $v);}
  |  ^(ASSIGN ID v=STRING_LITERAL) {elementOption(t, $ID, $v);}
  |  ^(ASSIGN ID v=ACTION)   {elementOption(t, $ID, $v);}
  |  ^(ASSIGN ID v=INT)    {elementOption(t, $ID, $v);}
  ;
```

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/parse/GrammarTreeVisitor.g
No license file was found, but licenses were detected in source scan.

```
/*
* [The "BSD license"]
*  Copyright (c) 2012-2016 Terence Parr
*  Copyright (c) 2012-2016 Sam Harwell
*  All rights reserved.
*
*  Redistribution and use in source and binary forms, with or without
*  modification, are permitted provided that the following conditions
*  are met:
```

```
tree grammar SourceGenTriggers;
options {
 language    = Java;
 tokenVocab  = ANTLRParser;
 ASTLabelType = GrammarAST;
}

@header {
package org.antlr.v4.codegen;
import org.antlr.v4.misc.Utils;
import org.antlr.v4.codegen.model.*;
import org.antlr.v4.codegen.model.decl.*;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.util.Collections;
import
 java.util.Map;
import java.util.HashMap;
}

@members {
 public OutputModelController controller;
  public boolean hasLookaheadBlock;
  public SourceGenTriggers(TreeNodeStream input, OutputModelController controller) {
   this(input);
   this.controller = controller;
```

```
    }
}

dummy : block[null, null] ;

block[GrammarAST label, GrammarAST ebnfRoot] returns [List<? extends SrcOp> omos]
  : ^( blk=BLOCK (^(OPTIONS .+))?
  {List<CodeBlockForAlt> alts = new ArrayList<CodeBlockForAlt>();}
    ( alternative {alts.add($alternative.altCodeBlock);} )+
  )
  {
  if ( alts.size()==1 && ebnfRoot==null) return alts;
  if ( ebnfRoot==null ) {
      $omos = DefaultOutputModelFactory.list(controller.getChoiceBlock((BlockAST)$blk, alts, $label));
  }
  else {
      Choice choice = controller.getEBNFBlock($ebnfRoot, alts);
      hasLookaheadBlock |= choice instanceof PlusBlock || choice instanceof StarBlock;
    $omos = DefaultOutputModelFactory.list(choice);
   }
  }
 ;

alternative returns [CodeBlockForAlt altCodeBlock, List<SrcOp> ops]
@init {
  boolean outerMost = inContext("RULE BLOCK");
}
@after {
  controller.finishAlternative($altCodeBlock, $ops, outerMost);
}
  : a=alt[outerMost] {$altCodeBlock=$a.altCodeBlock; $ops=$a.ops;}
 ;

alt[boolean outerMost] returns [CodeBlockForAlt altCodeBlock, List<SrcOp> ops]
@init {
// set alt if outer ALT only (the only ones with alt field set to Alternative object)
 AltAST altAST = (AltAST)retval.start;
 if ( outerMost ) controller.setCurrentOuterMostAlt(altAST.alt);
}
: {
 List<SrcOp> elems = new ArrayList<SrcOp>();
 // TODO: shouldn't we pass $start to controller.alternative()?
 $altCodeBlock = controller.alternative(controller.getCurrentOuterMostAlt(), outerMost);
 $altCodeBlock.ops = $ops = elems;
 controller.setCurrentBlock($altCodeBlock);
 }
 ^( ALT elementOptions? ( element {if ($element.omos!=null) elems.addAll($element.omos);} )+ )
```

```
| ^(ALT elementOptions?
EPSILON)
    {$altCodeBlock = controller.epsilon(controller.getCurrentOuterMostAlt(), outerMost);}
;


element returns [List<? extends SrcOp> omos]
 : labeledElement    {$omos = $labeledElement.omos;}
 | atom[null,false]   {$omos = $atom.omos;}
 | subrule      {$omos = $subrule.omos;}
 |  ACTION       {$omos = controller.action((ActionAST)$ACTION);}
 |  SEMPRED       {$omos = controller.sempred((ActionAST)$SEMPRED);}
 | ^(ACTION elementOptions)  {$omos = controller.action((ActionAST)$ACTION);}
 |  ^(SEMPRED elementOptions)  {$omos = controller.sempred((ActionAST)$SEMPRED);}
 ;


labeledElement returns [List<? extends SrcOp> omos]
 : ^(ASSIGN ID atom[$ID,false] )   {$omos = $atom.omos;}
 | ^(PLUS_ASSIGN ID atom[$ID,false])  {$omos = $atom.omos;}
 | ^(ASSIGN ID block[$ID,null] )   {$omos = $block.omos;}
 | ^(PLUS_ASSIGN ID block[$ID,null])  {$omos = $block.omos;}
 ;


subrule returns [List<? extends SrcOp> omos]
 : ^(OPTIONAL b=block[null,$OPTIONAL])
 {
 $omos = $block.omos;
 }
| ( ^(op=CLOSURE
 b=block[null,null])
 | ^(op=POSITIVE_CLOSURE b=block[null,null])
 )
 {
 List<CodeBlockForAlt> alts = new ArrayList<CodeBlockForAlt>();
 SrcOp blk = $b.omos.get(0);
 CodeBlockForAlt alt = new CodeBlockForAlt(controller.delegate);
 alt.addOp(blk);
 alts.add(alt);
 SrcOp loop = controller.getEBNFBlock($op, alts); // "star it"
    hasLookaheadBlock |= loop instanceof PlusBlock || loop instanceof StarBlock;
    $omos = DefaultOutputModelFactory.list(loop);
 }
| block[null, null]    {$omos = $block.omos;}
 ;


blockSet[GrammarAST label, boolean invert] returns [List<SrcOp> omos]
  : ^(SET atom[label,invert]+) {$omos = controller.set($SET, $label, invert);}
  ;
```

```
/*
setElement
 : STRING_LITERAL
 | TOKEN_REF
 | ^(RANGE STRING_LITERAL STRING_LITERAL)
 ;
*/

// TODO: combine ROOT/BANG into one then just make new op ref'ing return value of atom/terminal...
// TODO: same for NOT
atom[GrammarAST label, boolean invert] returns [List<SrcOp> omos]
 : ^(NOT
 a=atom[$label, true])  {$omos = $a.omos;}
 | range[label]       {$omos = $range.omos;}
 | ^(DOT ID terminal[$label])
 | ^(DOT ID ruleref[$label])
  | ^(WILDCARD .)      {$omos = controller.wildcard($WILDCARD, $label);}
  | WILDCARD       {$omos = controller.wildcard($WILDCARD, $label);}
  |  terminal[label]     {$omos = $terminal.omos;}
  |  ruleref[label]      {$omos = $ruleref.omos;}
 | blockSet[$label, invert]  {$omos = $blockSet.omos;}
 ;


ruleref[GrammarAST label] returns [List<SrcOp> omos]
  : ^(RULE_REF ARG_ACTION? elementOptions?)  {$omos = controller.ruleRef($RULE_REF, $label,
$ARG_ACTION);}
  ;


range[GrammarAST label] returns [List<SrcOp> omos]
  : ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
  ;


terminal[GrammarAST label] returns [List<SrcOp> omos]
  :  ^(STRING_LITERAL .)  {$omos = controller.stringRef($STRING_LITERAL, $label);}
  | STRING_LITERAL    {$omos = controller.stringRef($STRING_LITERAL, $label);}
  | ^(TOKEN_REF ARG_ACTION .) {$omos =
 controller.tokenRef($TOKEN_REF, $label, $ARG_ACTION);}
  | ^(TOKEN_REF .)    {$omos = controller.tokenRef($TOKEN_REF, $label, null);}
  | TOKEN_REF     {$omos = controller.tokenRef($TOKEN_REF, $label, null);}
  ;

elementOptions
  : ^(ELEMENT_OPTIONS elementOption+)
  ;

elementOption
  : ID
  |  ^(ASSIGN ID ID)
```

```
    |   ^(ASSIGN ID STRING_LITERAL)
    |   ^(ASSIGN ID ACTION)
    |   ^(ASSIGN ID INT)
    ;
```

Found in path(s):

* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/codegen/SourceGenTriggers.g

No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 *  Copyright (c) 2012-2016 Terence Parr
 *  Copyright (c) 2012-2016 Sam Harwell
 *  All rights reserved.
 *
 *  Redistribution and use in source and binary forms, with or without
 *  modification, are permitted provided that the following conditions
 *  are met:
 *
 *  1. Redistributions of source code must retain the above copyright
 *     notice, this list of conditions and the following disclaimer.
 *  2. Redistributions in binary form must reproduce the above copyright
 *     notice, this list of conditions and the following disclaimer in the
 *     documentation and/or other materials provided with the distribution.
 *  3. The name of the author may not be used to endorse or promote products
 *     derived from this software without specific prior written permission.
 *
 *  THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 *  IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
 *  OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 *  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 *  INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 *  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

/** templates used to generate make-compatible dependencies */

/** Generate "f : x, y, z" dependencies for input
 * dependencies and generated files. in and out
 * are File objects.  For example, you can say
 * <f.canonicalPath>
 */
dependencies(grammarFileName,in,out) ::= <<
```

```
<if(in)><grammarFileName>: <in; separator=", "><endif>
<out:{f | <f> : <grammarFileName>};
 separator="\n">
>>
```

Found in path(s):
* /opt/cola/permits/1237463103_1638811348.19/0/antlr4-4-6-sources-jar/org/antlr/v4/tool/templates/depend.stg

1.110 javatm-ee-6-specification-apis 8.0.1

1.110.1 Available under license :

Found license 'Common Development and Distribution License (CDDL) 1.1' in '# The contents of this file are subject to the terms # of the Common Development and Distribution License # (the License). You may not use this file except in # Copyright 2005 Sun Microsystems Inc. All Rights Reserved'

1.111 jul-to-slf4j-bridge 1.7.32

1.111.1 Available under license :

Copyright (c) 2004-2007 QOS.ch
All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining
a copy of this software and associated documentation files (the
"Software"), to deal in the Software without restriction, including
without limitation the rights to use, copy, modify, merge, publish,
distribute, sublicense, and/or sell copies of the Software, and to
permit persons to whom the Software is furnished to do so, subject to
the following conditions:

The above copyright notice and this permission notice shall be
included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY,   FITNESS   FOR   A   PARTICULAR   PURPOSE   AND
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE
LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION
OF CONTRACT,
 TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION
WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices

stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright 1999-2005 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT,
 TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a

copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License,
each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a

cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with

the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability

incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

1.112 logback-core 1.2.5
1.112.1 Available under license :

Found license 'Eclipse Public License 1.0' in '* Copyright (C) 1999-2015, QOS.ch. All rights reserved. * This
program and the accompanying materials are dual-licensed under * either the terms of the Eclipse Public License
v1.0 as published by * under the terms of the GNU Lesser General Public License version 2.1 * as published by the
Free Software Foundation.'
Found license 'GNU Lesser General Public License' in '* Copyright (C) 1999-2015, QOS.ch. All rights reserved. *
This program and the accompanying materials are dual-licensed under * either the terms of the Eclipse Public
License v1.0 as published by * under the terms of the GNU Lesser General Public License version 2.1 * as
published by the Free Software Foundation.'

1.113 jackson-datatype-jsr310 2.12.3
1.113.1 Available under license :

This copy of Jackson JSON processor streaming parser/generator is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

1.114 slf4j-api-module 1.7.32
1.114.1 Available under license :

No license file was found, but licenses were detected in source scan.

/**
* Copyright (c) 2004-2011 QOS.ch
* All rights reserved.
*
* Permission is hereby granted, free of charge, to any person obtaining
* a copy of this software and associated documentation files (the
* "Software"), to deal in the Software without restriction, including
* without limitation the rights to use, copy, modify, merge, publish,
* distribute, sublicense, and/or sell copies of the Software, and to
* permit persons to whom the Software is furnished to do so, subject to
* the following conditions:

Found in path(s):
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/MDC.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/Logger.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/impl/StaticMDCBinder.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/spi/MarkerFactoryBinder.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/helpers/BasicMarkerFactory.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/helpers/SubstituteLogger.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/LoggerFactory.java
*
 /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/helpers/BasicMDCAdapter.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/MarkerFactory.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/helpers/SubstituteLoggerFactory.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/Marker.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/helpers/BasicMarker.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/helpers/MarkerIgnoringBase.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/helpers/NOPLogger.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/spi/LocationAwareLogger.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/helpers/NOPMDCAdapter.java
*
 /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/helpers/NOPLoggerFactory.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/impl/StaticMarkerBinder.java
* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-

jar/org/slf4j/impl/StaticLoggerBinder.java

* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-
jar/org/slf4j/spi/LoggerFactoryBinder.java

* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/IMarkerFactory.java

* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/ILoggerFactory.java

* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/helpers/Util.java

* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-
jar/org/slf4j/helpers/MessageFormatter.java

* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-jar/org/slf4j/spi/MDCAdapter.java

*
 /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-
jar/org/slf4j/helpers/NamedLoggerBase.java

* /opt/cola/permits/1267277703_1648511906.32/0/slf4j-api-1-7-32-sources-
jar/org/slf4j/helpers/FormattingTuple.java

1.115 jsr166e 1.1.0

1.115.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* Written by Doug Lea with assistance from members of JCP JSR-166
* Expert Group and released to the public domain, as explained at
* http://creativecommons.org/publicdomain/zero/1.0/
*/

Found in path(s):
* /opt/cola/permits/1274701202_1645233683.64/0/jsr166e-1-1-0-sources-jar/com/twitter/jsr166e/ForkJoinTask.java
* /opt/cola/permits/1274701202_1645233683.64/0/jsr166e-1-1-0-sources-
jar/com/twitter/jsr166e/ForkJoinWorkerThread.java
* /opt/cola/permits/1274701202_1645233683.64/0/jsr166e-1-1-0-sources-
jar/com/twitter/jsr166e/CountedCompleter.java
* /opt/cola/permits/1274701202_1645233683.64/0/jsr166e-1-1-0-sources-jar/com/twitter/jsr166e/ForkJoinPool.java
* /opt/cola/permits/1274701202_1645233683.64/0/jsr166e-1-1-0-sources-
jar/com/twitter/jsr166e/ThreadLocalRandom.java
* /opt/cola/permits/1274701202_1645233683.64/0/jsr166e-1-1-0-sources-jar/com/twitter/jsr166e/Striped64.java
* /opt/cola/permits/1274701202_1645233683.64/0/jsr166e-1-1-0-sources-jar/com/twitter/jsr166e/LongAdder.java

1.116 jackson-dataformat-smile 2.8.1

1.116.1 Available under license :

No license file was found, but licenses were detected in source scan.

Copyright 2012 FasterXML.com
#
Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.
You may obtain a copy of the License at
#
http://www.apache.org/licenses/LICENSE-2.0
#
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

com.fasterxml.jackson.dataformat.smile.SmileFactory

Found in path(s):
* /opt/cola/permits/1274703073_1645234743.76/0/jackson-dataformat-smile-2-8-1-sources-jar/META-INF/services/com.fasterxml.jackson.core.JsonFactory

1.117 lucene-spatial 5.5.2

1.117.1 Available under license :
/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,

excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions

of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
 distributed under the License is distributed on an "AS IS" BASIS,
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 See the License for the specific language governing permissions and
 limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

/*
* Copyright 2001-2004 Unicode, Inc.
*
* Disclaimer
*
* This source code is provided as is by Unicode, Inc. No claims are
* made as to fitness for any particular purpose. No warranties of any
* kind are expressed or implied. The recipient agrees to determine
* applicability of information provided. If this file has been
* purchased on magnetic or optical media from Unicode, Inc., the
* sole remedy for any claim
 will be exchange of defective media
* within 90 days of receipt.
*
* Limitations on Rights to Redistribute This Code
*
* Unicode, Inc. hereby grants the right to freely use the information
* supplied in this file in the creation of products supporting the
* Unicode Standard, and to make copies of this file in any form
* for internal or external distribution as long as this notice
* remains attached.
*/

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

/*
* Copyright (c) 2001-2009 Anders Moeller
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
 DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton
were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

Copyright (c) 2010, Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>
#
Permission is hereby granted, free of charge, to any person
obtaining a copy of this software and associated documentation
files (the "Software"), to deal in the Software without
restriction, including
 without limitation the rights to use,
copy, modify, merge, publish, distribute, sublicense, and/or sell

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from ICU (http://www.icu-project.org)
The full license is available
 here:
 http://source.icu-project.org/repos/icu/icu/trunk/license.html

* copyright holder.
*/

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter
Copyright (c) 2002, Richard Boulton
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  * this list of conditions and the following disclaimer.
  * Redistributions in binary form must reproduce the above copyright
  * notice, this list of conditions and the following disclaimer in the
  * documentation and/or other materials provided with the distribution.
  * Neither the name of the copyright holders nor the names of its contributors
  * may be used to endorse or promote products derived from this software
  * without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
 SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following license applies to the KStemmer:

Copyright 2003,
Center for Intelligent Information Retrieval,
University of Massachusetts, Amherst.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

3. The names "Center for Intelligent
 Information Retrieval" and
"University of Massachusetts" must not be used to endorse or promote products
derived from this software without prior written permission. To obtain
permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss
Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

  * Neither the name of Morfologik nor the names of its contributors
  may be used to endorse or promote products derived from this software
  without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
 NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and is licenced on the terms of (inter alia) LGPL and Creative Commons ShareAlike. The part-of-speech tags were added in Morfologik project and are not found in the data from sjp.pl. The tagset is similar to IPI
 PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
  notice, this list of conditions and the following disclaimer in the
  documentation and/or other materials provided with the
  distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR

BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Apache Lucene
Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in

analysis/common/src/java/net/sf/snowball

were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in

 analysis/common/src/resources/org/apache/lucene/analysis/snowball

were developed by Martin Porter and Richard Boulton.

The full snowball package

 is available from

 http://snowball.tartarus.org/

The KStem stemmer in

 analysis/common/src/org/apache/lucene/analysis/en

was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)

under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic
 includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

==
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
==

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

==
mecab-ipadic-2.7.0-20070801 Notice
==

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages

whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term

"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the
production of secondary
 products from the program.

In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

1.118 lucene-suggest 5.5.2

1.118.1 Available under license :

/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

                        Apache License
                   Version 2.0, January 2004
                  http://www.apache.org/licenses/

    TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

    1. Definitions.

       "License" shall mean the terms and conditions for use, reproduction,
       and distribution as defined by Sections 1 through 9 of this document.

       "Licensor" shall mean the copyright owner or entity authorized by
       the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this
License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its

distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
 distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

/*
* Copyright 2001-2004 Unicode, Inc.
*
* Disclaimer
*
* This source code is provided as is by Unicode, Inc. No claims are
* made as to fitness for any particular purpose. No warranties of any
* kind are expressed or implied. The recipient agrees to determine
* applicability of information provided. If this file has been
* purchased on magnetic or optical media from Unicode, Inc., the
* sole remedy for any claim
 will be exchange of defective media
* within 90 days of receipt.
*
* Limitations on Rights to Redistribute This Code
*
* Unicode, Inc. hereby grants the right to freely use the information
* supplied in this file in the creation of products supporting the
* Unicode Standard, and to make copies of this file in any form
* for internal or external distribution as long as this notice
* remains attached.
*/

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was

derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton
were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

The above copyright notice and this permission notice shall be
included in all copies or substantial portions of the Software.
#
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES
OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT
HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,
WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
OTHER DEALINGS IN THE SOFTWARE.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from ICU (http://www.icu-project.org)
The full license is available
 here:
 http://source.icu-project.org/repos/icu/icu/trunk/license.html

/*
 * Copyright (C) 1999-2010, International Business Machines
 * Corporation and others. All Rights Reserved.
 *
 * Permission is hereby granted, free of charge, to any person obtaining a copy
 * of this software and associated documentation files (the "Software"), to deal
 * in the Software without restriction, including without limitation the rights
 * to use, copy, modify, merge, publish, distribute, and/or sell copies of the
 * Software, and to permit persons to whom the Software is furnished to do so,
 * provided that the above copyright notice(s) and this permission notice appear
 * in all copies of the Software and that both the above copyright notice(s) and
 * this permission notice appear in supporting documentation.
 *
 * THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
 * IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
 * FITNESS FOR A PARTICULAR
 PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
 * IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE
 * LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR
 * ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER
 * IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
 * OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
 *
 * Except as contained in this notice, the name of a copyright holder shall not
 * be used in advertising or otherwise to promote the sale, use or other
 * dealings in this Software without prior written authorization of the
 * copyright holder.
 */

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter
Copyright (c) 2002, Richard Boulton
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  * this list of conditions and the following disclaimer.
  * Redistributions in binary form must reproduce the above copyright
  * notice, this list of conditions and the following disclaimer in the
  * documentation and/or other materials provided with the distribution.
  * Neither the name of the copyright holders nor the names of its contributors
  * may be used to endorse or promote products derived from this software
  * without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
 SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following license applies to the KStemmer:

Copyright 2003,
Center for Intelligent Information Retrieval,
University of Massachusetts, Amherst.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

3. The names "Center for Intelligent

Information Retrieval" and
"University of Massachusetts" must not be used to endorse or promote products
derived from this software without prior written permission. To obtain
permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss
Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

  * Neither the name of Morfologik nor the names of its contributors
  may be used to endorse or promote products derived from this software
  without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
 NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from
Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and
is licenced on the terms of (inter alia) LGPL and Creative Commons
ShareAlike. The part-of-speech tags were added in Morfologik project and
are not found in the data from sjp.pl. The tagset is similar to IPI
 PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

1. Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
  notice, this list of conditions and the following disclaimer in the
  documentation and/or other materials provided with the
  distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN

IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Apache Lucene
Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
 analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in

analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package
 is available from
 http://snowball.tartarus.org/

The KStem stemmer in
 analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic
 includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

===
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

===
mecab-ipadic-2.7.0-20070801 Notice
===

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term
"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the
production of secondary

products from the program.

In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

1.119 lucene-sandbox 5.5.2

1.119.1 Available under license :

/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and

subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must
       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding

those notices that do not
        pertain to any part of the Derivative Works, in at least one
        of the following places: within a NOTICE text file distributed
        as part of the Derivative Works; within the Source form or
        documentation, if provided along with the Derivative Works; or,
        within a display generated by the Derivative Works, if and
        wherever such third-party notices normally appear. The contents
        of the NOTICE file are for informational purposes only and
        do not modify the License. You may add Your own attribution
        notices within Derivative Works that You distribute, alongside
        or as an addendum to the NOTICE text from the Work, provided
        that such additional attribution notices cannot be construed
        as modifying the License.

    You may add Your own copyright statement to Your modifications and
    may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
    for any such Derivative Works as a whole, provided Your use,
    reproduction, and distribution of the Work otherwise complies with
    the conditions stated in this License.

 5. Submission of Contributions. Unless You explicitly state otherwise,
    any Contribution intentionally submitted for inclusion in the Work
    by You to the Licensor shall be under the terms and conditions of
    this License, without any additional terms or conditions.
    Notwithstanding the above, nothing herein shall supersede or modify
    the terms of any separate license agreement you may have executed
    with Licensor regarding such Contributions.

 6. Trademarks. This License does not grant permission to use the trade
    names, trademarks, service marks, or product names of the Licensor,
    except as required for reasonable and customary use in describing the
    origin of the Work and reproducing the
content of the NOTICE file.

 7. Disclaimer of Warranty. Unless required by applicable law or
    agreed to in writing, Licensor provides the Work (and each
    Contributor provides its Contributions) on an "AS IS" BASIS,
    WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
    implied, including, without limitation, any warranties or conditions
    of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
    PARTICULAR PURPOSE. You are solely responsible for determining the
    appropriateness of using or redistributing the Work and assume any
    risks associated with Your exercise of permissions under this License.

 8. Limitation of Liability. In no event and under no legal theory,
    whether in tort (including negligence), contract, or otherwise,

unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

/*
* Copyright 2001-2004 Unicode, Inc.
*
* Disclaimer
*
* This source code is provided as is by Unicode, Inc. No claims are
* made as to fitness for any particular purpose. No warranties of any
* kind are expressed or implied. The recipient agrees to determine
* applicability of information provided. If this file has been
* purchased on magnetic or optical media from Unicode, Inc., the
* sole remedy for any claim
 will be exchange of defective media
* within 90 days of receipt.
*
* Limitations on Rights to Redistribute This Code
*
* Unicode, Inc. hereby grants the right to freely use the information
* supplied in this file in the creation of products supporting the
* Unicode Standard, and to make copies of this file in any form
* for internal or external distribution as long as this notice
* remains attached.
*/

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.

Here is the copyright from those sources:

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton
were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

\#
\# THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
\# EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES
\# OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
\# NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT
\# HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,
\# WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
\# FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
\# OTHER DEALINGS IN THE SOFTWARE.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from ICU (http://www.icu-project.org)
The full license is available
 here:
 http://source.icu-project.org/repos/icu/icu/trunk/license.html

/*
 * Copyright (C) 1999-2010, International Business Machines
 * Corporation and others. All Rights Reserved.
 *
 * Permission is hereby granted, free of charge, to any person obtaining a copy
 * of this software and associated documentation files (the "Software"), to deal
 * in the Software without restriction, including without limitation the rights
 * to use, copy, modify, merge, publish, distribute, and/or sell copies of the
 * Software, and to permit persons to whom the Software is furnished to do so,
 * provided that the above copyright notice(s) and this permission notice appear
 * in all copies of the Software and that both the above copyright notice(s) and
 * this permission notice appear in supporting documentation.
 *
 * THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
 * IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
 * FITNESS FOR A PARTICULAR
 PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
 * IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE
 * LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR
 * ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER
 * IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
 * OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
 *
 * Except as contained in this notice, the name of a copyright holder shall not
 * be used in advertising or otherwise to promote the sale, use or other
 * dealings in this Software without prior written authorization of the
 * copyright holder.
 */

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter

permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss
Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

  * Neither the name of Morfologik nor the names of its contributors
  may be used to endorse or promote products derived from this software
  without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
 NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from
Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and
is licenced on the terms of (inter alia) LGPL and Creative Commons
ShareAlike. The part-of-speech tags were added in Morfologik project and
are not found in the data from sjp.pl. The tagset is similar to IPI
 PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

1. Redistributions of source code must retain the above copyright
 notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
 notice, this list of conditions and the following disclaimer in the
 documentation and/or other materials provided with the
 distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Apache Lucene
Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
 analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
 analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package

is available from
http://snowball.tartarus.org/

The KStem stemmer in
 analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.

See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic
 includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

===
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

===
mecab-ipadic-2.7.0-20070801 Notice
===

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT

Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term
"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the
production of secondary
 products from the program.

In the case where the program, whether in its original form or

modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

1.120 spatial4j 0.5

1.120.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*****************************************************************************
* Copyright (c) 2015 VoyagerSearch
* All rights reserved. This program and the accompanying materials
* are made available under the terms of the Apache License, Version 2.0 which
* accompanies this distribution and is available at
*    http://www.apache.org/licenses/LICENSE-2.0.txt
*****************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/io/jts/JtsGeoJSONWriter.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/shape/BaseShape.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/WKTWriter.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/io/GeoJSONWriter.java
*
 /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/ShapeIO.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/io/jts/JtsGeoJSONReader.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/io/GeoJSONReader.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/ShapeWriter.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/io/SupportedFormats.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/io/jts/JtsWKTWriter.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/ShapeReader.java
No license file was found, but licenses were detected in source scan.

```
/*****************************************************************************
* Copyright (c) 2015 ElasticSearch and MITRE, and others
* All rights reserved. This program and the accompanying materials
* are made available under the terms of the Apache License, Version 2.0 which
* accompanies this distribution and is available at
```

* http://www.apache.org/licenses/LICENSE-2.0.txt
***/

Found in path(s):
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/WKTReader.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/WktShapeParser.java
No license file was found, but licenses were detected in source scan.

/***
* Copyright (c) 2015 David Smiley
* All rights reserved. This program and the accompanying materials
* are made available under the terms of the Apache License, Version 2.0 which
* accompanies this distribution and is available at
* http://www.apache.org/licenses/LICENSE-2.0.txt
***/

Found in path(s):
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/impl/BBoxCalculator.java
No license file was found, but licenses were detected in source scan.

/***
* Copyright (c) 2015 Voyager Search and MITRE
* All rights reserved. This program and the accompanying materials
* are made available under the terms of the Apache License, Version 2.0 which
* accompanies this distribution and is available at
* http://www.apache.org/licenses/LICENSE-2.0.txt
***/

Found in path(s):
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/impl/PointImpl.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/Circle.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/LegacyShapeReader.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/jts/JtsPoint.java
*
 /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/ShapeCollection.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/impl/CircleImpl.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/distance/GeodesicSphereDistCalc.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/jts/JtsGeometry.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-

jar/com/spatial4j/core/io/LegacyShapeWriter.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/context/jts/JtsSpatialContext.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/Point.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/exception/InvalidShapeException.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/distance/package-info.java

*
 /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/Shape.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/impl/GeoCircle.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/impl/RectangleImpl.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/SpatialRelation.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/jts/JtsWKTReaderShapeParser.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/context/SpatialContext.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/package-info.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/Rectangle.java

*
 /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/context/package-info.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/distance/DistanceCalculator.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/distance/CartesianDistCalc.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/shape/package-info.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/context/jts/JtsSpatialContextFactory.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/package-info.java

No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/jts/JtsWKTReader.java

No license file was found, but licenses were detected in source scan.

/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/SpatialPredicate.java
*
 /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/exception/UnsupportedSpatialPredicate.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/GeohashUtils.java
No license file was found, but licenses were detected in source scan.

/***
* Copyright (c) 2015 MITRE
* All rights reserved. This program and the accompanying materials
* are made available under the terms of the Apache License, Version 2.0 which
* accompanies this distribution and is available at
*   http://www.apache.org/licenses/LICENSE-2.0.txt
***/

Found in path(s):
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/BinaryCodec.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/shape/impl/BufferedLine.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/context/jts/DatelineRule.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/context/jts/ValidationRule.java
*
 /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/shape/impl/InfBufLine.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/shape/impl/BufferedLineString.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/io/jts/JtsBinaryCodec.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/shape/impl/Range.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/io/PolyshapeReader.java
*
 /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/io/PolyshapeWriter.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/io/jts/JtsPolyshapeReader.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/com/spatial4j/core/io/ParseUtils.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/distance/DistanceUtils.java
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-
jar/com/spatial4j/core/io/jts/JtsPolyshapeWriter.java
No license file was found, but licenses were detected in source scan.

/***
* Copyright (c) 2015 MITRE and VoyagerSearch
* All rights reserved. This program and the accompanying materials
* are made available under the terms of the Apache License, Version 2.0 which
* accompanies this distribution and is available at
*   http://www.apache.org/licenses/LICENSE-2.0.txt
***/

Found in path(s):
* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-

jar/com/spatial4j/core/context/SpatialContextFactory.java

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-

jar/com/spatial4j/core/distance/AbstractDistanceCalculator.java

No license file was found, but licenses were detected in source scan.

~~~~~~

~ Copyright (c) 2015 Voyager Search and MITRE

~ All rights reserved. This program and the accompanying materials

~ are made available under the terms of the Apache License, Version 2.0 which

~ accompanies this distribution and is available at

~   http://www.apache.org/licenses/LICENSE

Found in path(s):

* /opt/cola/permits/1274701394_1645234895.57/0/spatial4j-0-5-sources-jar/overview.html

1.121 lucene-highlighter 5.5.2

1.121.1 Available under license :

/*

* Licensed to the Apache Software Foundation (ASF) under one or more

* contributor license agreements. See the NOTICE file distributed with

* this work for additional information regarding copyright ownership.

* The ASF licenses this file to You under the Apache License, Version 2.0

* (the "License"); you may not use this file except in compliance with

* the License. You may obtain a copy of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,

and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by

the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but

excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
   distribution, then any Derivative Works that You distribute must
   include a readable copy of the attribution notices contained
   within such NOTICE file, excluding
those notices that do not
   pertain to any part of the Derivative Works, in at least one
   of the following places: within a NOTICE text file distributed
   as part of the Derivative Works; within the Source form or
   documentation, if provided along with the Derivative Works; or,
   within a display generated by the Derivative Works, if and
   wherever such third-party notices normally appear. The contents
   of the NOTICE file are for informational purposes only and
   do not modify the License. You may add Your own attribution
   notices within Derivative Works that You distribute, alongside
   or as an addendum to the NOTICE text from the Work, provided
   that such additional attribution notices cannot be construed
   as modifying the License.

   You may add Your own copyright statement to Your modifications and
   may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
   for any such Derivative Works as a whole, provided Your use,
   reproduction, and distribution of the Work otherwise complies with
   the conditions stated in this License.

 5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

 6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the
content of the NOTICE file.

 7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the

appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

```
/*
* Copyright 2001-2004 Unicode, Inc.
*
* Disclaimer
*
* This source code is provided as is by Unicode, Inc. No claims are
* made as to fitness for any particular purpose. No warranties of any
* kind are expressed or implied. The recipient agrees to determine
* applicability of information provided. If this file has been
* purchased on magnetic or optical media from Unicode, Inc., the
* sole remedy for any claim
 will be exchange of defective media
* within 90 days of receipt.
*
* Limitations on Rights to Redistribute This Code
*
* Unicode, Inc. hereby grants the right to freely use the information
* supplied in this file in the creation of products supporting the
* Unicode Standard, and to make copies of this file in any form
* for internal or external distribution as long as this notice
* remains attached.
*/
```

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

/*
* Copyright (c) 2001-2009 Anders Moeller
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
 DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton
were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

Copyright (c) 2010, Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>
#
Permission is hereby granted, free of charge, to any person
obtaining a copy of this software and associated documentation
files (the "Software"), to deal in the Software without
restriction, including
 without limitation the rights to use,
copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the
Software is furnished to do so, subject to the following

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from ICU (http://www.icu-project.org)
The full license is available
 here:
 http://source.icu-project.org/repos/icu/icu/trunk/license.html

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter
Copyright (c) 2002, Richard Boulton
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

   * Redistributions of source code must retain the above copyright notice,
   * this list of conditions and the following disclaimer.
   * Redistributions in binary form must reproduce the above copyright
   * notice, this list of conditions and the following disclaimer in the
   * documentation and/or other materials provided with the distribution.
   * Neither the name of the copyright holders nor the names of its contributors
   * may be used to endorse or promote products derived from this software
   * without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
 SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following license applies to the KStemmer:

Copyright 2003,
Center for Intelligent Information Retrieval,
University of Massachusetts, Amherst.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

---

3. The names "Center for Intelligent
 Information Retrieval" and
"University of Massachusetts" must not be used to endorse or promote products
derived from this software without prior written permission. To obtain
permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss
Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

  * Neither the name of Morfologik nor the names of its contributors
  may be used to endorse or promote products derived from this software
  without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
 NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from
Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and
is licenced on the terms of (inter alia) LGPL and Creative Commons
ShareAlike. The part-of-speech tags were added in Morfologik project and
are not found in the data from sjp.pl. The tagset is similar to IPI
 PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

1. Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
  notice, this list of conditions and the following disclaimer in the
  documentation and/or other materials provided with the
  distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE

OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Apache Lucene
Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
 analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in
 analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package
 is available from
 http://snowball.tartarus.org/

The KStem stemmer in
 analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was

provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic
 includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

===
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

===
mecab-ipadic-2.7.0-20070801 Notice
===

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out

of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term
"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the

production of secondary
 products from the program.

In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

1.122 rxjava 1.3.0

1.122.1 Available under license :

No license file was found, but licenses were detected in source scan.

/**
* Copyright 2014 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Modified from http://www.javacodegeeks.com/2013/08/simple-and-lightweight-pool-implementation.html
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/OpenHashSet.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2015 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*

* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/singles/BlockingSingle.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/SingleSubscriber.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observables/AsyncOnSubscribe.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleDoAfterTerminate.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/BlockingUtils.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2017 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeFlatMapSingle.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeFlatMapCompletable.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2014 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in
* compliance with the License. You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*

* Unless required by applicable law or agreed to in writing, software distributed under the License is
* distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express
or implied. See
* the License for the specific language governing permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/UtilityFunctions.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/Observable.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/LinkedQueueNode.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/atomic/LinkedQueueNode.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2014 Netflix, Inc.
* <p/>
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
* <p/>
* http://www.apache.org/licenses/LICENSE-2.0
* <p/>
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.

*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/ScalarSynchronousSingle.java
No license file was found, but licenses were detected in source scan.

Copyright 2014 Netflix, Inc.

   Licensed under the Apache License, Version 2.0 (the "License");
   you may not use this file except in compliance with the License.
   You may obtain a copy of the License at

      http://www.apache.org/licenses/LICENSE
2.0

   Unless required by applicable law or agreed to in writing, software
   distributed under the License is distributed on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
   See the License for the specific language governing permissions and
   limitations under the License.

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/package.html
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2016 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License"); you may not
* use this file except in compliance with the License. You may obtain a copy of
* the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations under
* the License.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribeTakeLastOne.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/DeferredScalarSubscriber.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/ExceptionsUtils.java

*

 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/SingleOperatorOnErrorResumeNext.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribePublishMulticast.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/DeferredScalarSubscriberSafe.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribeConcatMap.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribeCollect.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/SingleOnSubscribeUsing.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/SingleOperatorZip.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribeFromCallable.java
*

 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/SuppressAnimalSniffer.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribeReduceSeed.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/schedulers/SchedulerLifecycle.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribeReduce.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-

jar/rx/internal/util/unsafe/ConcurrentSequencedCircularArrayQueue.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2015 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License"); you may not
* use this file except in compliance with the License. You may obtain a copy of
* the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations under
* the License.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/producers/SingleDelayedProducer.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/producers/ProducerObserverArbiter.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/BackpressureUtils.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/producers/QueuedProducer.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/producers/QueuedValueProducer.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/producers/SingleProducer.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/producers/ProducerArbiter.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and

* limitations under the License.

*

* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE

* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/MessagePassingQueue.java

*/

Found in path(s):

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/unsafe/MessagePassingQueue.java

No license file was found, but licenses were detected in source scan.

/*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

* http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*

* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE

* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/SpscLinkedQueue.java

*/

Found in path(s):

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/unsafe/SpscLinkedQueue.java

No license file was found, but licenses were detected in source scan.

/*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

* http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*

* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/QueueProgressIndicators.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/unsafe/QueueProgressIndicators.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2016 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/SingleEmitter.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/CompletableFromEmitter.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/CompletableSubscriber.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/CompletableEmitter.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2016 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and

* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/ActionObserver.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/schedulers/SchedulerWhen.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeDetach.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleTakeUntilCompletable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subscriptions/package-info.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/exceptions/package-info.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/plugins/package-info.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/singles/package-info.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/InternalObservableUtils.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleDelay.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleTakeUntilSingle.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/ObserverSubscriber.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/package-info.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleOnErrorReturn.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Cancellable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeCreate.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/plugins/RxJavaSingleExecutionHookDefault.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleFromObservable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeOnAssemblyCompletable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/BackpressureOverflow.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/subscriptions/CancellableSubscription.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/NeverObservableHolder.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/schedulers/SchedulePeriodicHelper.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observers/package-info.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeThrow.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeOnAssemblySingle.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/CompletableFlatMapSingleToCompletable.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observers/AssertableSubscriber.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleToObservable.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/plugins/RxJavaHooks.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/plugins/RxJavaSingleExecutionHook.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleDoOnUnsubscribe.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleTimeout.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleTakeUntilObservable.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleLiftObservableOperator.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleFromEmitter.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subjects/package-info.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/EmptyObservableHolder.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observers/AsyncCompletableSubscriber.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/schedulers/GenericScheduledExecutorServiceFactory.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observables/package-info.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleFromCallable.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeOnAssembly.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/ActionNotificationObserver.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/Emitter.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/exceptions/AssemblyStackTraceException.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeLift.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/subscriptions/Unsubscribed.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleFromFuture.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeFlattenIterable.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/observers/AssertableSubscriberObservable.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/SingleDoOnSubscribe.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/ActionSubscriber.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/plugins/RxJavaCompletableExecutionHook.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/SingleObserveOn.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/annotations/package-info.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/observers/SafeCompletableSubscriber.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/SpmcArrayQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/unsafe/SpmcArrayQueue.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.

*

* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/atomic/BaseLinkedQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/unsafe/BaseLinkedQueue.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/SpscUnboundedArrayQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/unsafe/SpscUnboundedArrayQueue.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE

* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/MpmcArrayQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/unsafe/MpmcArrayQueue.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/atomic/AtomicReferenceArrayQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/atomic/AtomicReferenceArrayQueue.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2010 The Guava Authors
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Originally from https://code.google.com/p/guava-

libraries/source/browse/guava/src/com/google/common/annotations/Beta.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/annotations/Beta.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/atomic/SpscLinkedAtomicQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/atomic/SpscLinkedAtomicQueue.java
No license file was found, but licenses were detected in source scan.

This package contains code that relies on sun.misc.Unsafe. Before using it you MUST assert
UnsafeAccess.isUnsafeAvailable() == true

Much of the code in this package comes from or is inspired by the JCTools project:
https://github.com/JCTools/JCTools

JCTools has now published artifacts (https://github.com/JCTools/JCTools/issues/17) so RxJava could add JCTools
as a "shadow" dependency (https://github.com/ReactiveX/RxJava/issues/1735).
RxJava has a "zero dependency" policy for the core library, so if we do add it as a dependency, it won't be an
externally visible dependency that results in a separate jar.

The license for the JCTools code is https://github.com/JCTools/JCTools/blob/master/LICENSE

As of June 10 2014 when this code was copied the LICENSE read as:

Apache License
                Version 2.0, January 2004
          http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE,
REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form
for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not
include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including

the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is
conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make,
have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part
of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

    You may add Your own copyright statement to Your modifications and
    may provide additional or different license terms and conditions
    for use, reproduction, or distribution of Your modifications, or
    for any such Derivative Works as a whole, provided Your use,
    reproduction, and distribution of the Work otherwise
complies with
    the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,

except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its
Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including
but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How
to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "{}"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/unsafe/README.md
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/atomic/SpscExactAtomicArrayQueue.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/atomic/SpscAtomicArrayQueue.java

No license file was found, but licenses were detected in source scan.

====
   Copyright 2014 Netflix, Inc.

   Licensed under the Apache License, Version 2.0 (the "License");
   you may not use this file except in compliance with the License.
   You may obtain a copy of the License at

      http://www.apache.org/licenses/LICENSE-2.0

   Unless required by applicable law or agreed to in writing, software
   distributed under the License is distributed on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
   See the License for the specific language governing permissions and
   limitations under the License.
====

This package "rx.internal.operators" is for internal implementation details and can change at any time.

It is excluded from the public Javadocs (http://netflix.github.io/RxJava/javadoc/) and should not be relied upon by any code.

In short, changes to public signatures of these classes will not be accounted for in the versioning
 of RxJava.

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/README.md
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/ConcurrentCircularArrayQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/unsafe/ConcurrentCircularArrayQueue.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-core/src/main/java/org/jctools/util/Pow2.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/unsafe/Pow2.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2014 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License"); you may not
* use this file except in compliance with the License. You may obtain a copy of
* the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations under
* the License.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/atomic/SpscLinkedArrayQueue.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorMulticast.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeTimerPeriodically.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorWithLatestFrom.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorOnBackpressureLatest.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeDelaySubscriptionWithSelector.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/RxThreadFactory.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/schedulers/ScheduledAction.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeDelaySubscription.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeSkipTimed.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeTimerOnce.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorDistinct.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorSampleWithTime.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorDebounceWithSelector.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Actions.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeDelaySubscriptionOther.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorSwitch.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorWindowWithTime.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleOnSubscribeDelaySubscriptionOther.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/schedulers/NewThreadWorker.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorDelayWithSelector.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorEagerConcatMap.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorBufferWithTime.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorSkipUntil.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorBufferWithSingleObservable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-

jar/rx/internal/operators/OperatorPublish.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/schedulers/ExecutorScheduler.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribeRefCount.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorRetryWithPredicate.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorSampleWithObservable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorWindowWithObservable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorDebounceWithTime.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorWindowWithObservableFactory.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorTakeTimed.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorDistinctUntilChanged.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorBufferWithSize.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorWindowWithSize.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorWindowWithStartEndObservable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorMapPair.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorDoAfterTerminate.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/PlatformDependent.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorBufferWithStartEndObservable.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2014 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and
* limitations under the License.
*/
/**
* This plugin class provides 2 ways to customize {@link Scheduler} functionality
* 1. You may redefine entire schedulers, if you so choose. To do so, override
* the 3 methods that return Scheduler (io(), computation(), newThread()).
* 2. You may wrap/decorate an {@link Action0}, before it is handed off to a Scheduler. The
 system-
* supplied Schedulers (Schedulers.ioScheduler, Schedulers.computationScheduler,
* Scheduler.newThreadScheduler) all use this hook, so it's a convenient way to
* modify Scheduler functionality without redefining Schedulers wholesale.
*
* Also, when redefining Schedulers, you are free to use/not use the onSchedule decoration hook.
* <p>
* See {@link RxJavaPlugins} or the RxJava GitHub Wiki for information on configuring plugins:
* <a
href="https://github.com/ReactiveX/RxJava/wiki/Plugins">https://github.com/ReactiveX/RxJava/wiki/Plugins.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/plugins/RxJavaSchedulersHook.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Inspired from https://code.google.com/p/guava-
libraries/source/browse/guava/src/com/google/common/annotations/Beta.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/annotations/Experimental.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/SpscArrayQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/unsafe/SpscArrayQueue.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/atomic/SpscUnboundedAtomicArrayQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/atomic/SpscUnboundedAtomicArrayQueue.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*

* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/atomic/BaseLinkedAtomicQueue.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/atomic/MpscLinkedAtomicQueue.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2014 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*

* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/schedulers/TrampolineScheduler.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Func5.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeJoin.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/Subscription.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorAny.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeSingle.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/CompletableOnSubscribeTimeout.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorTakeLast.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/schedulers/CachedThreadScheduler.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/plugins/RxJavaObservableExecutionHook.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observables/ConnectableObservable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/Observer.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorIgnoreElements.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorTakeWhile.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/schedulers/ImmediateScheduler.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Action1.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/CompletableOnSubscribeMergeArray.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/CompletableOnSubscribeConcat.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeRedo.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subjects/UnicastSubject.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeGroupJoin.java
*

/opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/exceptions/OnErrorThrowable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeDefer.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorCast.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorToObservableList.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorSkip.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/schedulers/SleepingAction.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorOnErrorResumeNextViaFunction.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Action8.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorTakeLastTimed.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/LinkedArrayList.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorOnBackpressureDrop.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subscriptions/MultipleAssignmentSubscription.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subjects/BehaviorSubject.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Func1.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorDoOnUnsubscribe.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/BlockingOperatorLatest.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subscriptions/Subscriptions.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subscriptions/SerialSubscription.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subjects/ReplaySubject.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorUnsubscribeOn.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/SubscriptionList.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subjects/Subject.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/exceptions/OnCompletedFailedException.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/BlockingOperatorNext.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/FuncN.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/plugins/RxJavaObservableExecutionHookDefault.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/exceptions/UnsubscribeFailedException.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Action9.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Action0.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/ScalarSynchronousObservable.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorScan.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorTimeoutWithSelector.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subscriptions/BooleanSubscription.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Action4.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorSerialize.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorSkipLast.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorObserveOn.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subjects/AsyncSubject.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subjects/SubjectSubscriptionManager.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorElementAt.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Func7.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Action.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleDoOnEvent.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/plugins/RxJavaErrorHandler.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/schedulers/Timestamped.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorToObservableSortedList.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Action2.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/NotificationLite.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeFromArray.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorOnBackpressureBuffer.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeToMap.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observables/BlockingObservable.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/schedulers/TimeInterval.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeDoOnEach.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/Producer.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorDoOnRequest.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorTakeUntil.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Action7.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/BackpressureDrainManager.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/exceptions/OnErrorFailedException.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorDematerialize.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/BlockingOperatorMostRecent.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/BlockingOperatorToIterator.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeMap.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observables/GroupedObservable.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorSkipWhile.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/schedulers/Schedulers.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Func2.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorSubscribeOn.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/exceptions/Exceptions.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observers/TestSubscriber.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/RxRingBuffer.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorTakeUntilPredicate.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorThrottleFirst.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/exceptions/OnErrorNotImplementedException.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/Subscriber.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorSequenceEqual.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorAsObservable.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Func4.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/schedulers/ImmediateScheduler.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/SingleOnSubscribeMap.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeRange.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeUsing.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorWithLatestFromMany.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Func3.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observers/SerializedObserver.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observables/SyncOnSubscribe.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/Notification.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/Scheduler.java

*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/schedulers/package-info.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorTake.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorTimeout.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/BufferUntilSubscriber.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorZipIterable.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorTimeoutBase.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/exceptions/MissingBackpressureException.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/schedulers/EventLoopsScheduler.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/plugins/RxJavaPlugins.java

*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/subscriptions/SequentialSubscription.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeAutoConnect.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorDoOnSubscribe.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observers/Observers.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Functions.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorSkipLastTimed.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorDelay.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeFromIterable.java

*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorZip.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorMerge.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorMaterialize.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Func8.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subscriptions/CompositeSubscription.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Action3.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorTimestamp.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/package-info.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/schedulers/TestScheduler.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observers/SerializedSubscriber.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorGroupBy.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/CachedObservable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/BlockingOperatorToFuture.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Func6.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorSingle.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorReplay.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/CompletableOnSubscribeMerge.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Func9.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/schedulers/NewThreadScheduler.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subjects/SerializedSubject.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/CompletableOnSubscribeMergeIterable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/util/IndexedRingBuffer.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/ActionN.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeAmb.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/Completable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/schedulers/TrampolineScheduler.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/schedulers/GenericScheduledExecutorService.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorIterable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OnSubscribeFilter.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Func0.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/CompletableOnSubscribeConcatArray.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Action5.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observers/Subscribers.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observers/SafeSubscriber.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Action6.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subscriptions/RefCountSubscription.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorMapNotification.java

* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribeSwitchIfEmpty.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorArray.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/exceptions/CompositeException.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/functions/Function.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subjects/TestSubject.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/internal/operators/OperatorAll.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/observers/TestObserver.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OperatorTimeInterval.java
*
 /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/CompletableOnSubscribeConcatIterable.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/subjects/PublishSubject.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/schedulers/NewThreadScheduler.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribeToObservableFuture.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2015 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in
* compliance with the License. You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software distributed under the License is
* distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express
or implied. See
* the License for the specific language governing permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribeCombineLatest.java
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-jar/rx/Single.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2014 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*

* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
/*

        * This mechanism for getting UNSAFE originally from:
        *
        * Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
        * Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/util/UnsafeAccess.java
        */

Found
 in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/unsafe/UnsafeAccess.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*
* Original License: https://github.com/JCTools/JCTools/blob/master/LICENSE
* Original location: https://github.com/JCTools/JCTools/blob/master/jctools-
core/src/main/java/org/jctools/queues/MpscLinkedQueue.java
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/util/unsafe/MpscLinkedQueue.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright one 2014 Netflix, Inc.
*

* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274704065_1645234384.04/0/rxjava-1-3-0-sources-
jar/rx/internal/operators/OnSubscribeToMultimap.java

1.123 lucene-join 5.5.2

1.123.1 Available under license :

/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this
License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work,

excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions

of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

/*
* Copyright 2001-2004 Unicode, Inc.
*
* Disclaimer
*
* This source code is provided as is by Unicode, Inc. No claims are
* made as to fitness for any particular purpose. No warranties of any
* kind are expressed or implied. The recipient agrees to determine
* applicability of information provided. If this file has been
* purchased on magnetic or optical media from Unicode, Inc., the
* sole remedy for any claim
 will be exchange of defective media
* within 90 days of receipt.
*
* Limitations on Rights to Redistribute This Code
*
* Unicode, Inc. hereby grants the right to freely use the information
* supplied in this file in the creation of products supporting the
* Unicode Standard, and to make copies of this file in any form
* for internal or external distribution as long as this notice
* remains attached.
*/

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

/*
* Copyright (c) 2001-2009 Anders Moeller
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
 DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton
were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

Copyright (c) 2010, Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>
#
Permission is hereby granted, free of charge, to any person
obtaining a copy of this software and associated documentation
files (the "Software"), to deal in the Software without
restriction, including
 without limitation the rights to use,
copy, modify, merge, publish, distribute, sublicense, and/or sell

* copyright holder.
*/

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter
Copyright (c) 2002, Richard Boulton
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  * this list of conditions and the following disclaimer.
  * Redistributions in binary form must reproduce the above copyright
  * notice, this list of conditions and the following disclaimer in the
  * documentation and/or other materials provided with the distribution.
  * Neither the name of the copyright holders nor the names of its contributors
  * may be used to endorse or promote products derived from this software
  * without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
 SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following license applies to the KStemmer:

Copyright 2003,
Center for Intelligent Information Retrieval,
University of Massachusetts, Amherst.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

3. The names "Center for Intelligent
 Information Retrieval" and
"University of Massachusetts" must not be used to endorse or promote products
derived from this software without prior written permission. To obtain
permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss
Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

  * Neither the name of Morfologik nor the names of its contributors
  may be used to endorse or promote products derived from this software
  without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
 NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and is licenced on the terms of (inter alia) LGPL and Creative Commons ShareAlike. The part-of-speech tags were added in Morfologik project and are not found in the data from sjp.pl. The tagset is similar to IPI
 PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
  notice, this list of conditions and the following disclaimer in the
  documentation and/or other materials provided with the
  distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR

BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Apache Lucene
Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in

analysis/common/src/java/net/sf/snowball

were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in

 analysis/common/src/resources/org/apache/lucene/analysis/snowball

were developed by Martin Porter and Richard Boulton.

The full snowball package

 is available from

 http://snowball.tartarus.org/

The KStem stemmer in

 analysis/common/src/org/apache/lucene/analysis/en

was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)

under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default

stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:

analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt

See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers

(common) are based on BSD-licensed reference implementations created

 by Jacques Savoy and

Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed

 software developed

by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,

and Edmond Nolan.

The Polish analyzer (stempel) comes with a default

stopword list that is BSD-licensed created by the Carrot2 project. The file resides

in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.

See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic
 includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

===
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

===
mecab-ipadic-2.7.0-20070801 Notice
===

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages

whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term

"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the
production of secondary
 products from the program.

In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

1.124 feign-jackson 8.15.1

1.124.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2013 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274699864_1645233690.16/0/feign-jackson-8-15-1-sources-
jar/feign/jackson/JacksonDecoder.java
* /opt/cola/permits/1274699864_1645233690.16/0/feign-jackson-8-15-1-sources-
jar/feign/jackson/JacksonEncoder.java

1.125 backo 1.0.0

1.125.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* The MIT License (MIT)
*
* Copyright (c) 2014 Segment.io, Inc.
*
* Permission is hereby granted, free of charge, to any person obtaining a copy
* of this software and associated documentation files (the "Software"), to deal
* in the Software without restriction, including without limitation the rights
* to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
* copies of the Software, and to permit persons to whom the Software is
* furnished to do so, subject to the following conditions:
*
* The above copyright notice and this permission notice shall be included in all
* copies or substantial portions of the Software.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
* AUTHORS OR COPYRIGHT HOLDERS BE
 LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
* LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
* OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
* SOFTWARE.
*/

Found in path(s):
* /opt/cola/permits/1274704185_1649200941.64/0/backo-1-0-0-sources-jar/com/segment/backo/Backo.java

1.126 lucene-miscellaneous 5.5.2
1.126.1 Available under license :
/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,

the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You

meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding
those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

    You may add Your own copyright statement to Your modifications and
    may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
    for any such Derivative Works as a whole, provided Your use,
    reproduction, and distribution of the Work otherwise complies with
    the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate

comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

/*
* Copyright 2001-2004 Unicode, Inc.
*
* Disclaimer
*
* This source code is provided as is by Unicode, Inc. No claims are
* made as to fitness for any particular purpose. No warranties of any
* kind are expressed or implied. The recipient agrees to determine
* applicability of information provided. If this file has been
* purchased on magnetic or optical media from Unicode, Inc., the
* sole remedy for any claim
 will be exchange of defective media
* within 90 days of receipt.
*
* Limitations on Rights to Redistribute This Code
*
* Unicode, Inc. hereby grants the right to freely use the information
* supplied in this file in the creation of products supporting the
* Unicode Standard, and to make copies of this file in any form
* for internal or external distribution as long as this notice
* remains attached.
*/

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

/*
 * Copyright (c) 2001-2009 Anders Moeller
 * All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 * 1. Redistributions of source code must retain the above copyright
 *   notice, this list of conditions and the following disclaimer.
 * 2. Redistributions in binary form must reproduce the above copyright
 *   notice, this list of conditions and the following disclaimer in the
 *   documentation and/or other materials provided with the distribution.
 * 3. The name of the author may not be used to endorse or promote products
 *   derived from this software without specific prior written permission.
 *
 * THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 * IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
 * OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
 DISCLAIMED.
 * IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 * NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 * DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 * THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 * (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 * THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton

were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

Copyright (c) 2010, Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>
#
Permission is hereby granted, free of charge, to any person
obtaining a copy of this software and associated documentation
files (the "Software"), to deal in the Software without
restriction, including
 without limitation the rights to use,
copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the
Software is furnished to do so, subject to the following
conditions:
#
The above copyright notice and this permission notice shall be
included in all copies or substantial portions of the Software.
#
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES
OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT
HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,
WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
OTHER DEALINGS IN THE SOFTWARE.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from ICU (http://www.icu-project.org)
The full license is available
 here:
 http://source.icu-project.org/repos/icu/icu/trunk/license.html

/*
* Copyright (C) 1999-2010, International Business Machines
* Corporation and others. All Rights Reserved.
*
* Permission is hereby granted, free of charge, to any person obtaining a copy
* of this software and associated documentation files (the "Software"), to deal
* in the Software without restriction, including without limitation the rights
* to use, copy, modify, merge, publish, distribute, and/or sell copies of the
* Software, and to permit persons to whom the Software is furnished to do so,
* provided that the above copyright notice(s) and this permission notice appear
* in all copies of the Software and that both the above copyright notice(s) and
* this permission notice appear in supporting documentation.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

University of Massachusetts, Amherst.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

3. The names "Center for Intelligent
 Information Retrieval" and
"University of Massachusetts" must not be used to endorse or promote products
derived from this software without prior written permission. To obtain
permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss
Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

    * Neither the name of Morfologik nor the names of its contributors

    may be used to endorse or promote products derived from this software

    without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
 NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from
Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and
is licenced on the terms of (inter alia) LGPL and Creative Commons
ShareAlike. The part-of-speech tags were added in Morfologik project and
are not found in the data from sjp.pl. The tagset is similar to IPI
 PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

1. Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
  notice, this list of conditions and the following disclaimer in the

documentation and/or other materials provided with the
distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Apache Lucene
Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
 analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
 analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package
 is available from
 http://snowball.tartarus.org/

The KStem stemmer in
 analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic
 includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

===
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

```
================================================================================
```
mecab-ipadic-2.7.0-20070801 Notice
```
================================================================================
```

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other

organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term
"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the
production of secondary
 products from the program.

In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

1.127 argparse 0.8.1
1.127.1 Available under license :
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2012 Tatsuhiro Tsujikawa
*
* Permission is hereby granted, free of charge, to any person
* obtaining a copy of this software and associated documentation
* files (the "Software"), to deal in the Software without
* restriction, including without limitation the rights to use, copy,
* modify, merge, publish, distribute, sublicense, and/or sell copies
* of the Software, and to permit persons to whom the Software is
* furnished to do so, subject to the following conditions:
*
* The above copyright notice and this permission notice shall be
* included in all copies or substantial portions of the Software.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
* MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS

* BE LIABLE FOR ANY CLAIM,

 DAMAGES OR OTHER LIABILITY, WHETHER IN AN

* ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN

* CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

* SOFTWARE.

*/

Found in path(s):

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/inf/MutuallyExclusiveGroup.java

No license file was found, but licenses were detected in source scan.

/*

* Copyright (C) 2015 Andrew January

*

* Permission is hereby granted, free of charge, to any person

* obtaining a copy of this software and associated documentation

* files (the "Software"), to deal in the Software without

* restriction, including without limitation the rights to use, copy,

* modify, merge, publish, distribute, sublicense, and/or sell copies

* of the Software, and to permit persons to whom the Software is

* furnished to do so, subject to the following conditions:

*

* The above copyright notice and this permission notice shall be

* included in all copies or substantial portions of the Software.

*

* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,

* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF

* MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS

* BE LIABLE FOR ANY CLAIM, DAMAGES

 OR OTHER LIABILITY, WHETHER IN AN

* ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN

* CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

* SOFTWARE.

*/

Found in path(s):

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/type/CaseInsensitiveEnumStringArgumentType.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/type/CaseInsensitiveEnumNameArgumentType.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/type/EnumStringArgumentType.java

No license file was found, but licenses were detected in source scan.

/*

* Copyright (C) 2013 Adam Parkin

*
* Permission is hereby granted, free of charge, to any person
* obtaining a copy of this software and associated documentation
* files (the "Software"), to deal in the Software without
* restriction, including without limitation the rights to use, copy,
* modify, merge, publish, distribute, sublicense, and/or sell copies
* of the Software, and to permit persons to whom the Software is
* furnished to do so, subject to the following conditions:
*
* The above copyright notice and this permission notice shall be
* included in all copies or substantial portions of the Software.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
* MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS
* BE LIABLE FOR ANY CLAIM, DAMAGES
 OR OTHER LIABILITY, WHETHER IN AN
* ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
* CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
* SOFTWARE.
*/

Found in path(s):
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/helper/HelpScreenException.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed to the Apache Software Foundation (ASF) under one
* or more contributor license agreements. See the NOTICE file
* distributed with this work for additional information
* regarding copyright ownership. The ASF licenses this file
* to you under the Apache License, Version 2.0 (the
* "License"); you may not use this file except in compliance
* with the License. You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing,
* software distributed under the License is distributed on an
* "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY
* KIND, either express or implied. See the License for the
* specific language governing permissions and limitations
* under the License.
*/

Found in path(s):

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/type/FileArgumentType.java
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/ArgumentType.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/ArgumentParser.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/helper/CJKTextWidthCounter.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/HelpArgumentAction.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/helper/PrefixPattern.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/helper/TextWidthCounter.java
*
 /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/UnrecognizedArgumentException.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/annotation/Arg.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-

jar/net/sourceforge/argparse4j/inf/ArgumentParserException.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/StoreConstArgumentAction.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/ArgumentAction.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/Arguments.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/ArgumentGroup.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/Subparsers.java

*
 /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/helper/ReflectHelper.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/UnrecognizedCommandException.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/StoreArgumentAction.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/Namespace.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/choice/CollectionArgumentChoice.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/ArgumentParsers.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/ArgumentParserImpl.java

*
 /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/StoreFalseArgumentAction.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/AppendConstArgumentAction.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/ArgumentGroupImpl.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/Argument.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/ArgumentChoice.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/FeatureControl.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/choice/RangeArgumentChoice.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/SubparsersImpl.java

*
 /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/SubparserImpl.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/inf/Subparser.java

* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/type/StringArgumentType.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/AppendArgumentAction.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/helper/ASCIITextWidthCounter.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/type/FileVerification.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/helper/TextHelper.java
*
 /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/type/EnumArgumentType.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/StoreTrueArgumentAction.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/type/ConstructorArgumentType.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/ParseState.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/internal/ArgumentImpl.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/VersionArgumentAction.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2013 Tatsuhiro Tsujikawa
*
* Permission is hereby granted, free of charge, to any person
* obtaining a copy of this software and associated documentation
* files (the "Software"), to deal in the Software without
* restriction, including without limitation the rights to use, copy,
* modify, merge, publish, distribute, sublicense, and/or sell copies
* of the Software, and to permit persons to whom the Software is
* furnished to do so, subject to the following conditions:
*
* The above copyright notice and this permission notice shall be
* included in all copies or substantial portions of the Software.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
* MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS
* BE LIABLE FOR ANY CLAIM,
 DAMAGES OR OTHER LIABILITY, WHETHER IN AN
* ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
* CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
* SOFTWARE.

*/

Found in path(s):
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/action/CountArgumentAction.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/type/ReflectArgumentType.java
No license file was found, but licenses were detected in source scan.

/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/internal/TerminalWidth.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2015 Tatsuhiro Tsujikawa
*
* Permission is hereby granted, free of charge, to any person
* obtaining a copy of this software and associated documentation
* files (the "Software"), to deal in the Software without
* restriction, including without limitation the rights to use, copy,
* modify, merge, publish, distribute, sublicense, and/or sell copies
* of the Software, and to permit persons to whom the Software is
* furnished to do so, subject to the following conditions:
*
* The above copyright notice and this permission notice shall be
* included in all copies or substantial portions of the Software.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
* MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS
* BE LIABLE FOR ANY CLAIM,
 DAMAGES OR OTHER LIABILITY, WHETHER IN AN
* ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
* CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
* SOFTWARE.
*/

Found in path(s):
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/impl/type/BooleanArgumentType.java
* /opt/cola/permits/1274701436_1645235201.06/0/argparse4j-0-8-1-sources-
jar/net/sourceforge/argparse4j/inf/MetavarInference.java

1.128 lucene-analyzers 5.5.2

1.128.1 Available under license :

/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise

designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the

content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

/*
* Copyright 2001-2004 Unicode, Inc.
*
* Disclaimer
*
* This source code is provided as is by Unicode, Inc. No claims are
* made as to fitness for any particular purpose. No warranties of any
* kind are expressed or implied. The recipient agrees to determine
* applicability of information provided. If this file has been
* purchased on magnetic or optical media from Unicode, Inc., the
* sole remedy for any claim
 will be exchange of defective media
* within 90 days of receipt.
*
* Limitations on Rights to Redistribute This Code
*
* Unicode, Inc. hereby grants the right to freely use the information
* supplied in this file in the creation of products supporting the
* Unicode Standard, and to make copies of this file in any form
* for internal or external distribution as long as this notice
* remains attached.
*/

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

/*
* Copyright (c) 2001-2009 Anders Moeller
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
 DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton
were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

Copyright (c) 2010, Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>
#
Permission is hereby granted, free of charge, to any person
obtaining a copy of this software and associated documentation
files (the "Software"), to deal in the Software without
restriction, including
 without limitation the rights to use,
copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the
Software is furnished to do so, subject to the following

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from ICU (http://www.icu-project.org)
The full license is available
 here:
 http://source.icu-project.org/repos/icu/icu/trunk/license.html

The following license applies to the Snowball stemmers:

The following license applies to the KStemmer:

3. The names "Center for Intelligent
 Information Retrieval" and
"University of Massachusetts" must not be used to endorse or promote products
derived from this software without prior written permission. To obtain
permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss
Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

  * Neither the name of Morfologik nor the names of its contributors
  may be used to endorse or promote products derived from this software
  without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
 NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and is licenced on the terms of (inter alia) LGPL and Creative Commons ShareAlike. The part-of-speech tags were added in Morfologik project and are not found in the data from sjp.pl. The tagset is similar to IPI PAN tagset.

The following license applies to the Morfeusz project, used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski, Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the
   distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE

OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Apache Lucene

Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
 analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in
 analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package
 is available from
 http://snowball.tartarus.org/

The KStem stemmer in
 analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was

provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic
 includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

==
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
==

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

==
mecab-ipadic-2.7.0-20070801 Notice
==

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out

of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term
"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the

production of secondary
 products from the program.

In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

1.129 jetty-java-based-http-1-x-http-2-servlet-websocket-server 9.4.18.v20190429

1.129.1 Available under license :

This program and the accompanying materials are made available under the
terms of the Eclipse Public License 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0, or the Apache Software License
2.0 which is available at https://www.apache.org/licenses/LICENSE-2.0.

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC
LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM
CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation
   distributed under this Agreement, and
b) in the case of each subsequent Contributor:
   i) changes to the Program, and
   ii) additions to the Program;

   where such changes and/or additions to the Program originate from and are
   distributed by that particular Contributor. A Contribution 'originates'
   from a Contributor if it was added to the Program by such
  Contributor
   itself or anyone acting on such Contributor's behalf. Contributions do not
   include additions to the Program which: (i) are separate modules of
   software distributed in conjunction with the Program under their own
   license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

2. GRANT OF RIGHTS
 a) Subject to the terms of this Agreement, each Contributor hereby grants
    Recipient a non-exclusive, worldwide, royalty-free copyright license to
    reproduce, prepare derivative works of, publicly display, publicly
    perform,
distribute and sublicense the Contribution of such Contributor,
    if any, and such derivative works, in source code and object code form.
 b) Subject to the terms of this Agreement, each Contributor hereby grants
    Recipient a non-exclusive, worldwide, royalty-free patent license under
    Licensed Patents to make, use, sell, offer to sell, import and otherwise
    transfer the Contribution of such Contributor, if any, in source code and
    object code form. This patent license shall apply to the combination of
    the Contribution and the Program if, at the time the Contribution is
    added by the Contributor, such addition of the Contribution causes such
    combination to be covered by the Licensed Patents. The patent license
    shall not apply to any other combinations which include the Contribution.
    No hardware per se is licensed hereunder.
 c) Recipient understands that although each Contributor grants the licenses
    to its Contributions set forth herein,
no assurances are provided by any
    Contributor that the Program does not infringe the patent or other
    intellectual property rights of any other entity. Each Contributor
    disclaims any liability to Recipient for claims brought by any other
    entity based on infringement of intellectual property rights or
    otherwise. As a condition to exercising the rights and licenses granted
    hereunder, each Recipient hereby assumes sole responsibility to secure
    any other intellectual property rights needed, if any. For example, if a
    third party patent license is required to allow Recipient to distribute
    the Program, it is Recipient's responsibility to acquire that license
    before distributing the Program.
 d) Each Contributor represents that to its knowledge it has sufficient
    copyright rights in its Contribution, if any, to grant the copyright
    license set forth in this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program
in object code form under
its own license agreement, provided that:

 a) it complies with the terms and conditions of this Agreement; and
 b) its license agreement:
    i) effectively disclaims on behalf of all Contributors all warranties
       and conditions, express and implied, including warranties or
       conditions of title and non-infringement, and implied warranties or
       conditions of merchantability and fitness for a particular purpose;
   ii) effectively excludes on behalf of all Contributors all liability for
       damages, including direct, indirect, special, incidental and
       consequential damages, such as lost profits;
  iii) states that any provisions which differ from this Agreement are
       offered by that Contributor alone and not by any other party; and
   iv) states that source code for the Program is available from such
       Contributor, and informs licensees how to obtain it in a reasonable
       manner on or through a
 medium customarily used for software exchange.

When the Program is made available in source code form:

 a) it must be made available under this Agreement; and
 b) a copy of this Agreement must be included with each copy of the Program.
    Contributors may not remove or alter any copyright notices contained
    within the Program.

Each Contributor must identify itself as the originator of its Contribution,
if
any, in a manner that reasonably allows subsequent Recipients to identify the
originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with
respect to end users, business partners and the like. While this license is
intended to facilitate the commercial use of the Program, the Contributor who
includes the Program in a commercial product offering should do so in a manner
which does not create potential liability for other Contributors. Therefore,
if a Contributor includes the Program in a commercial
 product offering, such
Contributor ("Commercial Contributor") hereby agrees to defend and indemnify
every other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits and
other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such Commercial
Contributor in connection with its distribution of the Program in a commercial

product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example,
 a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining
 the appropriateness of using
and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement , including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under

applicable
 law, it shall not affect the validity or enforceability of the
remainder of the terms of this Agreement, and without further action by the
parties hereto, such provision shall be reformed to the minimum extent
necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Program itself
(excluding combinations of the Program with other software or hardware)
infringes such Recipient's patent(s), then such Recipient's rights granted
under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to
comply with any of the material terms or conditions of this Agreement and does
not cure such failure in a reasonable period of time after becoming aware of
such noncompliance. If all Recipient's rights under this Agreement terminate,
Recipient agrees to cease use and distribution
 of the Program as soon as
reasonably practicable. However, Recipient's obligations under this Agreement
and any licenses granted by Recipient relating to the Program shall continue
and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in
order to avoid inconsistency the Agreement is copyrighted and may only be
modified in the following manner. The Agreement Steward reserves the right to
publish new versions (including revisions) of this Agreement from time to
time. No one other than the Agreement Steward has the right to modify this
Agreement. The Eclipse Foundation is the initial Agreement Steward. The
Eclipse Foundation may assign the responsibility to serve as the Agreement
Steward to a suitable separate entity. Each new version of the Agreement will
be given a distinguishing version number. The Program (including
Contributions) may always be distributed subject to the version of the
Agreement under which it was received. In addition, after
 a new version of the
Agreement is published, Contributor may elect to distribute the Program
(including its Contributions) under the new version. Except as expressly
stated in Sections 2(a) and 2(b) above, Recipient receives no rights or
licenses to the intellectual property of any Contributor under this Agreement,
whether expressly, by implication, estoppel or otherwise. All rights in the
Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the
intellectual property laws of the United States of America. No party to this
Agreement will bring a legal action under this Agreement more than one year
after the cause of action arose. Each party waives its rights to a jury trial in
any resulting litigation.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of,

the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously
marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative
Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
 the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade

names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions)
on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited
to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache
License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate

comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS
OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
==
Jetty Web Container
Copyright 1995-2018 Mort Bay Consulting Pty Ltd.
==

The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd
unless otherwise noted.

Jetty is dual licensed under both

 * The Apache 2.0 License
   http://www.apache.org/licenses/LICENSE-2.0.html

      and

 * The Eclipse Public 1.0 License
   http://www.eclipse.org/legal/epl-v10.html

Jetty may be distributed under either license.

Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modififications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
 licensed.

org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by
Unix systems for simple password protection. Copyright 1996 Aki Yoshida,
modified April 2001 by Iris Van den Broeke, Daniel Deville.
Permission to use, copy, modify and distribute UnixCrypt
for non-commercial or commercial purposes and without fee is
granted provided that the copyright notice appears in all
 copies.

1.130 jackson-module-afterburner 2.10.5

1.130.1 Available under license :

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
commercially by FasterXML.com.

Licensing

Jackson core and extension components (as well their dependencies) may be licensed under
different licenses.
To find the details that apply to this artifact see the accompanying LICENSE file.
For more information, including possible other licensing options, contact
FasterXML.com (http://fasterxml.com).

Credits

A list of contributors may be found from CREDITS file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.
This copy of Jackson JSON processor `jackson-module-afterburner` module is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.

You may obtain a copy of the License at:

  http://www.apache.org/licenses/LICENSE-2.0

Additional licensing information exists for following 3rd party library dependencies

ASM

ASM: a very small and fast Java bytecode manipulation framework
Copyright (c) 2000-2011 INRIA, France Telecom
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
 notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
 notice, this list of conditions and the following disclaimer in the
 documentation

and/or other materials provided with the distribution.
3. Neither the name of the copyright holders nor the names of its
 contributors may be used to endorse or promote products derived from
 this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
THE POSSIBILITY OF SUCH
 DAMAGE.

1.131 lucene-spatial-3d 5.5.2

1.131.1 Available under license :

/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

                    Apache License
                 Version 2.0, January 2004
                http://www.apache.org/licenses/

   TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

   1. Definitions.

      "License" shall mean the terms and conditions for use, reproduction,

and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to

communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and

attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or

implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

   Unless required by applicable law or agreed to in writing, software
   distributed under the License is distributed on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
   See the License for the specific language governing permissions and
   limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

/*
* Copyright 2001-2004 Unicode, Inc.
*
* Disclaimer
*
* This source code is provided as is by Unicode, Inc. No claims are
* made as to fitness for any particular purpose. No warranties of any
* kind are expressed or implied. The recipient agrees to determine
* applicability of information provided. If this file has been
* purchased on magnetic or optical media from Unicode, Inc., the
* sole remedy for any claim
 will be exchange of defective media
* within 90 days of receipt.
*
* Limitations on Rights to Redistribute This Code
*
* Unicode, Inc. hereby grants the right to freely use the information
* supplied in this file in the creation of products supporting the
* Unicode Standard, and to make copies of this file in any form
* for internal or external distribution as long as this notice
* remains attached.
*/

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at

http://www.python.org. Full license is here:

 http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

/*
* Copyright (c) 2001-2009 Anders Moeller
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
 DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton
were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

Copyright (c) 2010, Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>
#
Permission is hereby granted, free of charge, to any person
obtaining a copy of this software and associated documentation
files (the "Software"), to deal in the Software without
restriction, including

* be used in advertising or otherwise to promote the sale, use or other
* dealings in this Software without prior written authorization of the
* copyright holder.
*/

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter
Copyright (c) 2002, Richard Boulton
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
 * this list of conditions and the following disclaimer.
 * Redistributions in binary form must reproduce the above copyright
 * notice, this list of conditions and the following disclaimer in the
 * documentation and/or other materials provided with the distribution.
 * Neither the name of the copyright holders nor the names of its contributors
 * may be used to endorse or promote products derived from this software
 * without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
 SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following license applies to the KStemmer:

Copyright 2003,
Center for Intelligent Information Retrieval,
University of Massachusetts, Amherst.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

3. The names "Center for Intelligent
 Information Retrieval" and
"University of Massachusetts" must not be used to endorse or promote products
derived from this software without prior written permission. To obtain
permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss
Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

  * Neither the name of Morfologik nor the names of its contributors
  may be used to endorse or promote products derived from this software
  without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
 NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and is licenced on the terms of (inter alia) LGPL and Creative Commons ShareAlike. The part-of-speech tags were added in Morfologik project and are not found in the data from sjp.pl. The tagset is similar to IPI
 PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the
   distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Apache Lucene

Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
 analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
 analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package
 is available from
 http://snowball.tartarus.org/

The KStem stemmer in
 analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides

in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic
 includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

===
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

===
mecab-ipadic-2.7.0-20070801 Notice
===

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and

fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the

project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term
"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the
production of secondary
 products from the program.

In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

1.132 ning-compress-lzf 1.0.2
1.132.1 Available under license :

Compress LZF

This library contains efficient implementation of LZF compression format,
as well as additional helper classes that build on JDK-provided gzip (deflat)
codec.

Licensing

Library is licensed under Apache License 2.0, as per accompanying LICENSE file.

Credit

Library has been written by Tatu Saloranta (tatu.saloranta@iki.fi).
It was started at Ning, inc., as an official Open Source process used by
platform backend, but after initial versions has been developed outside of
Ning by supporting community.

Other contributors include:

* Jon Hartlaub (first versions of streaming reader/writer; unit tests)
* Cedrik Lime: parallel LZF implementation

Various community members have contributed bug reports, and suggested minor
fixes; these can be found from file "VERSION.txt" in SCM.
This copy of Compress-LZF library is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

1.133 lucene-memory 5.5.2

1.133.1 Available under license :

```
/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements.  See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License.  You may obtain a copy of the License at
*
*    http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,

publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and

wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the

Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright

from those sources:

```
/*
* Copyright 2001-2004 Unicode, Inc.
*
* Disclaimer
*
* This source code is provided as is by Unicode, Inc. No claims are
* made as to fitness for any particular purpose. No warranties of any
* kind are expressed or implied. The recipient agrees to determine
* applicability of information provided. If this file has been
* purchased on magnetic or optical media from Unicode, Inc., the
* sole remedy for any claim
 will be exchange of defective media
* within 90 days of receipt.
*
* Limitations on Rights to Redistribute This Code
*
* Unicode, Inc. hereby grants the right to freely use the information
* supplied in this file in the creation of products supporting the
* Unicode Standard, and to make copies of this file in any form
* for internal or external distribution as long as this notice
* remains attached.
*/
```

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

```
/*
* Copyright (c) 2001-2009 Anders Moeller
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
```

FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
OTHER DEALINGS IN THE SOFTWARE.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from ICU (http://www.icu-project.org)
The full license is available
 here:
 http://source.icu-project.org/repos/icu/icu/trunk/license.html

/*
* Copyright (C) 1999-2010, International Business Machines
* Corporation and others. All Rights Reserved.
*
* Permission is hereby granted, free of charge, to any person obtaining a copy
* of this software and associated documentation files (the "Software"), to deal
* in the Software without restriction, including without limitation the rights
* to use, copy, modify, merge, publish, distribute, and/or sell copies of the
* Software, and to permit persons to whom the Software is furnished to do so,
* provided that the above copyright notice(s) and this permission notice appear
* in all copies of the Software and that both the above copyright notice(s) and
* this permission notice appear in supporting documentation.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
* FITNESS FOR A PARTICULAR
 PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
* IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE
* LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR
* ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER
* IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
* OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
*
* Except as contained in this notice, the name of a copyright holder shall not
* be used in advertising or otherwise to promote the sale, use or other
* dealings in this Software without prior written authorization of the
* copyright holder.
*/

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter
Copyright (c) 2002, Richard Boulton
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
  * this list of conditions and the following disclaimer.
  * Redistributions in binary form must reproduce the above copyright
  * notice, this list of conditions and the following disclaimer in the
  * documentation and/or other materials provided with the distribution.
  * Neither the name of the copyright holders nor the names of its contributors
  * may be used to endorse or promote products derived from this software
  * without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
 SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following license applies to the KStemmer:

Copyright 2003,
Center for Intelligent Information Retrieval,
University of Massachusetts, Amherst.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

3. The names "Center for Intelligent
 Information Retrieval" and
"University of Massachusetts" must not be used to endorse or promote products
derived from this software without prior written permission. To obtain
permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE

PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the
   distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Apache Lucene
Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:

- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
 analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
 analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package
 is available from
 http://snowball.tartarus.org/

The KStem stemmer in
 analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)

under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary

(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic
 includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

==
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
==

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

==
mecab-ipadic-2.7.0-20070801 Notice
==

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially

in the same form as set out herein and that such intended distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the research and development conducted during the project and is provided to users as so produced on an experimental basis. Accordingly, the program is provided without any warranty whatsoever, whether express, implied, statutory or otherwise. The term "warranty" used herein includes, but is not limited to, any warranty of the quality, performance, merchantability and fitness for a particular purpose of the program and the nonexistence of any infringement or violation of any right of any third party.

Each user of the program will agree and understand, and be deemed to have agreed and understood, that there is no warranty whatsoever for the program and, accordingly, the entire risk arising from or otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other organization that participated in or was otherwise related to the development of the program and their respective officials, directors, officers and other employees shall be held liable for any and all damages, including, without limitation, general, special, incidental and consequential damages, arising out of or otherwise in connection with the use or inability to use the program or any product, material or result produced or otherwise obtained by using the program, regardless of whether they have been advised of, or otherwise had knowledge of, the possibility of such damages at any time during the project or thereafter. Each user will be deemed to have agreed to the foregoing by his or her commencement of use of the program. The term "use" as used herein includes, but is not limited to, the use, modification, copying and distribution of the program and the production of secondary
 products from the program.

In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.

1.134 project-lombok 1.16.6

1.134.1 Available under license :

Copyright (C) 2009-2015 The Project Lombok Authors.

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN
 CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

1.135 expression-language 3.0.0

1.135.1 Available under license :

Copyright (c) 2004-2015 Fabien Potencier

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is furnished
to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION

WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

1.136 lucene-queries 5.5.2

1.136.1 Available under license :

```
/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements.  See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License.  You may obtain a copy of the License at
*
*     http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity

exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the

Work and such Derivative Works in Source or Object form.

 3. Grant of Patent License. Subject to the terms and conditions of
    this
License, each Contributor hereby grants to You a perpetual,
    worldwide, non-exclusive, no-charge, royalty-free, irrevocable
    (except as stated in this section) patent license to make, have made,
    use, offer to sell, sell, import, and otherwise transfer the Work,
    where such license applies only to those patent claims licensable
    by such Contributor that are necessarily infringed by their
    Contribution(s) alone or by combination of their Contribution(s)
    with the Work to which such Contribution(s) was submitted. If You
    institute patent litigation against any entity (including a
    cross-claim or counterclaim in a lawsuit) alleging that the Work
    or a Contribution incorporated within the Work constitutes direct
    or contributory patent infringement, then any patent licenses
    granted to You under this License for that Work shall terminate
    as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
    Work or Derivative Works thereof in any medium, with or without
    modifications, and in Source or Object form, provided that You
    meet the following conditions:

    (a) You must give any other recipients of the Work or
        Derivative Works a copy of this License; and

    (b) You must cause any modified files to carry prominent notices
        stating that You changed the files; and

    (c) You must retain, in the Source form of any Derivative Works
        that You distribute, all copyright, patent, trademark, and
        attribution notices from the Source form of the Work,
        excluding those notices that do not pertain to any part of
        the Derivative Works; and

    (d) If the Work includes a "NOTICE" text file as part of its
        distribution, then any Derivative Works that You distribute must
        include a readable copy of the attribution notices contained
        within such NOTICE file, excluding
those notices that do not
        pertain to any part of the Derivative Works, in at least one
        of the following places: within a NOTICE text file distributed
        as part of the Derivative Works; within the Source form or
        documentation, if provided along with the Derivative Works; or,
        within a display generated by the Derivative Works, if and
        wherever such third-party notices normally appear. The contents

of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,

work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton
were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

OTHER DEALINGS IN THE SOFTWARE.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from ICU (http://www.icu-project.org)
The full license is available
 here:
 http://source.icu-project.org/repos/icu/icu/trunk/license.html

```
/*
* Copyright (C) 1999-2010, International Business Machines
* Corporation and others.  All Rights Reserved.
*
* Permission is hereby granted, free of charge, to any person obtaining a copy
* of this software and associated documentation files (the "Software"), to deal
* in the Software without restriction, including without limitation the rights
* to use, copy, modify, merge, publish, distribute, and/or sell copies of the
* Software, and to permit persons to whom the Software is furnished to do so,
* provided that the above copyright notice(s) and this permission notice appear
* in all copies of the Software and that both the above copyright notice(s) and
* this permission notice appear in supporting documentation.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
* FITNESS FOR A PARTICULAR
 PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
* IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE
* LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR
* ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER
* IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
* OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
*
* Except as contained in this notice, the name of a copyright holder shall not
* be used in advertising or otherwise to promote the sale, use or other
* dealings in this Software without prior written authorization of the
* copyright holder.
*/
```

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter
Copyright (c) 2002, Richard Boulton
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

   * Redistributions of source code must retain the above copyright notice,
   * this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* Neither the name of the copyright holders nor the names of its contributors
* may be used to endorse or promote products derived from this software
* without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
 SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following license applies to the KStemmer:

Copyright 2003,
Center for Intelligent Information Retrieval,
University of Massachusetts, Amherst.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

3. The names "Center for Intelligent
 Information Retrieval" and
"University of Massachusetts" must not be used to endorse or promote products
derived from this software without prior written permission. To obtain
permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE

GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

The dictionary comes from Morfologik project. Morfologik uses data from
Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and
is licenced on the terms of (inter alia) LGPL and Creative Commons
ShareAlike. The part-of-speech tags were added in Morfologik project and
are not found in the data from sjp.pl. The tagset is similar to IPI
 PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the
   distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Apache Lucene
Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp

- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
 analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
 analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package
 is available from
 http://snowball.tartarus.org/

The KStem stemmer in
 analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic
 includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

===
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

===
mecab-ipadic-2.7.0-20070801 Notice
===

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,

if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term
"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the
production of secondary
 products from the program.

In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

1.137 lucene-grouping 5.5.2

1.137.1 Available under license :

```
/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements.  See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License.  You may obtain a copy of the License at
*
*    http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

                        Apache License
                   Version 2.0, January 2004
                  http://www.apache.org/licenses/

   TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

   1. Definitions.

      "License" shall mean the terms and conditions for use, reproduction,
      and distribution as defined by Sections 1 through 9 of this document.

      "Licensor" shall mean the copyright owner or entity authorized by
      the copyright owner that is granting the License.

      "Legal Entity" shall mean the union of the acting entity and all
      other entities that control, are controlled by, or are under common
      control with that entity. For the purposes of this definition,
      "control" means (i) the power, direct or indirect, to cause the
      direction or management of such entity, whether by contract or
      otherwise, or (ii) ownership of fifty percent (50%) or more of the
      outstanding shares, or (iii) beneficial ownership
   of such entity.

      "You" (or "Your") shall mean an individual or Legal Entity
      exercising permissions granted by this License.

      "Source" form shall mean the preferred form for making modifications,

including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of

this

License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

/*
 * Copyright 2001-2004 Unicode, Inc.

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton
were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was

derived from ICU (http://www.icu-project.org)
The full license is available
 here:
 http://source.icu-project.org/repos/icu/icu/trunk/license.html

/*
* Copyright (C) 1999-2010, International Business Machines
* Corporation and others. All Rights Reserved.
*
* Permission is hereby granted, free of charge, to any person obtaining a copy
* of this software and associated documentation files (the "Software"), to deal
* in the Software without restriction, including without limitation the rights
* to use, copy, modify, merge, publish, distribute, and/or sell copies of the
* Software, and to permit persons to whom the Software is furnished to do so,
* provided that the above copyright notice(s) and this permission notice appear
* in all copies of the Software and that both the above copyright notice(s) and
* this permission notice appear in supporting documentation.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
* FITNESS FOR A PARTICULAR
 PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
* IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE
* LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR
* ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER
* IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
* OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
*
* Except as contained in this notice, the name of a copyright holder shall not
* be used in advertising or otherwise to promote the sale, use or other
* dealings in this Software without prior written authorization of the
* copyright holder.
*/

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter
Copyright (c) 2002, Richard Boulton
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  * this list of conditions and the following disclaimer.
  * Redistributions in binary form must reproduce the above copyright
  * notice, this list of conditions and the following disclaimer in the
  * documentation and/or other materials provided with the distribution.

* Neither the name of the copyright holders nor the names of its contributors
* may be used to endorse or promote products derived from this software
* without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
 SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following license applies to the KStemmer:

Copyright 2003,
Center for Intelligent Information Retrieval,
University of Massachusetts, Amherst.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

3. The names "Center for Intelligent
 Information Retrieval" and
"University of Massachusetts" must not be used to endorse or promote products
derived from this software without prior written permission. To obtain
permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss
Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
   this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright notice,
   this list of conditions and the following disclaimer in the documentation
   and/or other materials provided with the distribution.

  * Neither the name of Morfologik nor the names of its contributors
   may be used to endorse or promote products derived from this software
   without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
 NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from
Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and
is licenced on the terms of (inter alia) LGPL and Creative Commons
ShareAlike. The part-of-speech tags were added in Morfologik project and
are not found in the data from sjp.pl. The tagset is similar to IPI
 PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the
   distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Apache Lucene
Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
 analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
 analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package
 is available from
 http://snowball.tartarus.org/

The KStem stemmer in
 analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic

includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

==

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

==

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

==

mecab-ipadic-2.7.0-20070801 Notice

==

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having

jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the research and development conducted during the project and is provided to users as so produced on an experimental basis. Accordingly, the program is provided without any warranty whatsoever, whether express, implied, statutory or otherwise. The term "warranty" used herein includes, but is not limited to, any warranty of the quality, performance, merchantability and fitness for a particular purpose of the program and the nonexistence of any infringement or violation of any right of any third party.

Each user of the program will agree and understand, and be deemed to have agreed and understood, that there is no warranty whatsoever for the program and, accordingly, the entire risk arising from or otherwise connected
with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other organization that participated in or was otherwise related to the development of the program and their respective officials, directors, officers and other employees shall be held liable for any and all damages, including, without limitation, general, special, incidental and consequential damages, arising out of or otherwise in connection with the use or inability to use the program or any product, material or result produced or otherwise obtained by using the program, regardless of whether they have been advised of, or otherwise had knowledge of, the possibility of such damages at any time during the project or thereafter. Each user will be deemed to have agreed to the foregoing by his or her commencement of use of the program. The term "use" as used herein includes, but is not limited to, the use, modification, copying and distribution of the program and the production of secondary
products from the program.

In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.

1.138 lucene-query-parser 5.5.2

1.138.1 Available under license :

```
/*
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements.  See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License.  You may obtain a copy of the License at
*
*    http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,

including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of

this

License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

/*
 * Copyright 2001-2004 Unicode, Inc.

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

  http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

  http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton
were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was

derived from ICU (http://www.icu-project.org)

The full license is available

here:

http://source.icu-project.org/repos/icu/icu/trunk/license.html

```
/*
* Copyright (C) 1999-2010, International Business Machines
* Corporation and others.  All Rights Reserved.
*
* Permission is hereby granted, free of charge, to any person obtaining a copy
* of this software and associated documentation files (the "Software"), to deal
* in the Software without restriction, including without limitation the rights
* to use, copy, modify, merge, publish, distribute, and/or sell copies of the
* Software, and to permit persons to whom the Software is furnished to do so,
* provided that the above copyright notice(s) and this permission notice appear
* in all copies of the Software and that both the above copyright notice(s) and
* this permission notice appear in supporting documentation.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
* FITNESS FOR A PARTICULAR
 PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
* IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE
* LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR
* ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER
* IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
* OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
*
* Except as contained in this notice, the name of a copyright holder shall not
* be used in advertising or otherwise to promote the sale, use or other
* dealings in this Software without prior written authorization of the
* copyright holder.
*/
```

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter

Copyright (c) 2002, Richard Boulton

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  * this list of conditions and the following disclaimer.
  * Redistributions in binary form must reproduce the above copyright
  * notice, this list of conditions and the following disclaimer in the
  * documentation and/or other materials provided with the distribution.

OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss
Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
    this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright notice,
    this list of conditions and the following disclaimer in the documentation
    and/or other materials provided with the distribution.

  * Neither the name of Morfologik nor the names of its contributors
    may be used to endorse or promote products derived from this software
    without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
 NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from
Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and
is licenced on the terms of (inter alia) LGPL and Creative Commons
ShareAlike. The part-of-speech tags were added in Morfologik project and
are not found in the data from sjp.pl. The tagset is similar to IPI
 PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the
   distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Apache Lucene
Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
 analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
 analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package
 is available from
 http://snowball.tartarus.org/

The KStem stemmer in
 analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic

includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

===
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

===
mecab-ipadic-2.7.0-20070801 Notice
===

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having

jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term
"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the
production of secondary
 products from the program.

In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

1.139 apache-lucene 5.5.2

1.139.1 Available under license :

/*

* Licensed to the Apache Software Foundation (ASF) under one or more

* contributor license agreements. See the NOTICE file distributed with

* this work for additional information regarding copyright ownership.

* The ASF licenses this file to You under the Apache License, Version 2.0

* (the "License"); you may not use this file except in compliance with

* the License. You may obtain a copy of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,

including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of

this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from unicode conversion examples available at
http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright
from those sources:

/*
 * Copyright 2001-2004 Unicode, Inc.

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was
derived from Python 2.4.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was
derived from Python 3.1.2 sources available at
http://www.python.org. Full license is here:

 http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was
derived from Brics automaton sources available at
www.brics.dk/automaton/.
 Here is the copyright from those sources:

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton
were automatically generated with the moman/finenight FSA package.
Here is the copyright for those sources:

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was

derived from ICU (http://www.icu-project.org)

The full license is available

 here:

 http://source.icu-project.org/repos/icu/icu/trunk/license.html

```
/*
 * Copyright (C) 1999-2010, International Business Machines
 * Corporation and others.  All Rights Reserved.
 *
 * Permission is hereby granted, free of charge, to any person obtaining a copy
 * of this software and associated documentation files (the "Software"), to deal
 * in the Software without restriction, including without limitation the rights
 * to use, copy, modify, merge, publish, distribute, and/or sell copies of the
 * Software, and to permit persons to whom the Software is furnished to do so,
 * provided that the above copyright notice(s) and this permission notice appear
 * in all copies of the Software and that both the above copyright notice(s) and
 * this permission notice appear in supporting documentation.
 *
 * THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
 * IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
 * FITNESS FOR A PARTICULAR
 PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.
 * IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE
 * LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR
 * ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER
 * IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
 * OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
 *
 * Except as contained in this notice, the name of a copyright holder shall not
 * be used in advertising or otherwise to promote the sale, use or other
 * dealings in this Software without prior written authorization of the
 * copyright holder.
 */
```

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter

Copyright (c) 2002, Richard Boulton

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

   * Redistributions of source code must retain the above copyright notice,

  * this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright

  * notice, this list of conditions and the following disclaimer in the

  * documentation and/or other materials provided with the distribution.

* Neither the name of the copyright holders nor the names of its contributors
* may be used to endorse or promote products derived from this software
* without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
 SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following license applies to the KStemmer:

Copyright 2003,
Center for Intelligent Information Retrieval,
University of Massachusetts, Amherst.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation
and/or other materials provided with the distribution.

3. The names "Center for Intelligent
 Information Retrieval" and
"University of Massachusetts" must not be used to endorse or promote products
derived from this software without prior written permission. To obtain
permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
SUCH DAMAGE.

The
 following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss
Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

  * Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.

  * Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

  * Neither the name of Morfologik nor the names of its contributors
  may be used to endorse or promote products derived from this software
  without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
 NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The dictionary comes from Morfologik project. Morfologik uses data from
Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and
is licenced on the terms of (inter alia) LGPL and Creative Commons
ShareAlike. The part-of-speech tags were added in Morfologik project and
are not found in the data from sjp.pl. The tagset is similar to IPI
 PAN
tagset.

The following license applies to the Morfeusz project,
used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP)
http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski,
Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the
   distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE
DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Apache Lucene
Copyright 2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects,
including, but not limited to:
- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license
and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such
as the Unicode Character Database. See http://unicode.org/copyright.html for more
details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is
BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre.
 This library is available under an MIT license,
see http://sites.google.com/site/rrettesite/moman and
http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.
See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0
See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin
g Package (jaspell): http://jaspell.sourceforge.net/
License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in
 analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
 analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package
 is available from
 http://snowball.tartarus.org/

The KStem stemmer in
 analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, and Hindi analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt
See http://members.unine.ch/jacques.savoy/clef/index.html.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created
 by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed
 software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
(http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia)
LGPL and Creative Commons ShareAlike.

Morfologic

includes data from BSD-licensed dictionary of Polish (SGJP)
(http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at http://www.eclipse.org/jetty/downloads.php

==
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
==

This software includes a binary and/or source version of data from

 mecab-ipadic-2.7.0-20070801

which can be obtained from

 http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

 http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

==
mecab-ipadic-2.7.0-20070801 Notice
==

Nara
 Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortuous action, arising out
of or in connection with the use or performance of this software.

A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution,
 if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having

jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected
 with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the
development of the program and their respective officials, directors,
officers and other employees shall be held liable for any and all
damages, including, without limitation, general, special, incidental
and consequential damages, arising out of or otherwise in connection
with the use or inability to use the program or any product, material
or result produced or otherwise obtained by using the program,
regardless of whether they have been advised of, or otherwise had
knowledge of, the possibility of such damages at any time during the
project or thereafter. Each user will be deemed to have agreed to the
foregoing by his or her commencement of use of the program. The term
"use" as used herein includes, but is not limited to, the use,
modification, copying and distribution of the program and the
production of secondary
 products from the program.

In the case where the program, whether in its original form or
modified, was distributed or delivered to or received by a user from
any person, organization or entity other than ICOT, unless it makes or
grants independently of ICOT any specific warranty to the user in
writing, such person, organization or entity, will also be exempted
from and not be held liable to the user for any such damages as noted
above as far as the program is concerned.

1.140 elasticsearch-secure-sm 1.0

1.140.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
 <modelVersion>4.0.0</modelVersion>
 <groupId>org.elasticsearch</groupId>
 <artifactId>securesm</artifactId>
 <version>1.0</version>
 <packaging>jar</packaging>
 <name>Elasticsearch SecureSM</name>
 <description>SecurityManager implementation that works around design flaws in Java</description>
 <inceptionYear>2015</inceptionYear>

 <parent>
  <groupId>org.sonatype.oss</groupId>
  <artifactId>oss-parent</artifactId>
  <version>7</version>
 </parent>

 <licenses>
  <license>
   <name>The Apache Software License, Version 2.0</name>
   <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
   <distribution>repo</distribution>
  </license>
 </licenses>

 <scm>
  <connection>scm:git:git@github.com:elastic/securesm.git</connection>
   <developerConnection>scm:git:git@github.com:elastic/securesm.git</developerConnection>
  <url>https://github.com/elastic/securesm</url>
 </scm>

 <properties>
  <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
  <maven.compiler.source>1.7</maven.compiler.source>
  <maven.compiler.target>1.7</maven.compiler.target>
 </properties>

 <dependencies>
  <dependency>
   <groupId>junit</groupId>
   <artifactId>junit</artifactId>
   <version>4.11</version>
```

```
    <scope>test</scope>
    <exclusions>
      <exclusion>
        <groupId>org.hamcrest</groupId>
        <artifactId>hamcrest-core</artifactId>
      </exclusion>
    </exclusions>
  </dependency>
 </dependencies>


 <build>
 </build>
</project>
```

Found in path(s):
* /opt/cola/permits/1274699801_1649023835.88/0/securesm-1-0-jar/META-
INF/maven/org.elasticsearch/securesm/pom.xml

1.141 feign-core 8.15.1

1.141.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
 * Copyright 2013 Netflix, Inc.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *   http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

Found in path(s):
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/codec/Encoder.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/codec/Decoder.java
No license file was found, but licenses were detected in source scan.

```
/*
 * Copyright 2014 Netflix, Inc.
 *
```

* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-
jar/feign/InvocationHandlerFactory.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-
jar/feign/SynchronousMethodHandler.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2013 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/RequestTemplate.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-
jar/feign/auth/BasicAuthRequestInterceptor.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/codec/EncodeException.java
*
 /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/Feign.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/Request.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/codec/ErrorDecoder.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/RetryableException.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/Target.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/FeignException.java

* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/Contract.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/Logger.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/Retryer.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/ReflectiveFeign.java
*
 /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/RequestInterceptor.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/Util.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/Response.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/auth/Base64.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/Client.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/MethodMetadata.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/codec/DecodeException.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/codec/StringDecoder.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015 Netflix, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/Param.java
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/QueryMap.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2008 Google Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1274700536_1645234140.34/0/feign-core-8-15-1-sources-jar/feign/Types.java

1.142 jackson-xc 2.12.2

1.142.1 Available under license :

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
commercially by FasterXML.com.

Licensing

Jackson core and extension components may licensed under different licenses.
To find the details that apply to this artifact see the accompanying LICENSE file.
For more information, including possible other licensing options, contact
FasterXML.com (http://fasterxml.com).

Credits

A list of contributors may be found from CREDITS file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.
This copy of Jackson JSON processor `jackson-module-jaxb-annotations` module is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

1.143 javabeans-activation-framework-api 1.2.1

1.143.1 Available under license :

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.1

1. Definitions.

1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.

1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. "Executable" means the Covered Software in any form other than Source Code.

1.5. "Initial Developer" means the individual or entity that first makes Original Software available under this License.

1.6. "Larger Work" means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. "License" means this document.

1.8. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. "Original Software" means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation,
method, process,
and apparatus claims, in any patent Licensable by grantor.

1.12. "Source Code" means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual
property claims, the Initial Developer
hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You

delete from the Original Software, or
(2) for infringements caused by: (i) the modification of the
Original Software, or (ii) the combination of the Original Software
with other software or devices.

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject
to third party intellectual property claims, each Contributor hereby
grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or
trademark) Licensable by Contributor to use, reproduce, modify,
display, perform, sublicense and distribute the Modifications
created by such Contributor (or portions thereof), either on an
unmodified basis, with other Modifications, as Covered Software
and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling
of Modifications made by that Contributor either alone and/or in
combination with its Contributor
Version (or portions of such
combination), to make, use, sell, offer for sale, have made, and/or
otherwise dispose of: (1) Modifications made by that Contributor (or
portions thereof); and (2) the combination of Modifications made by
that Contributor with its Contributor Version (or portions of such
combination).

(c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective
on the date Contributor first distributes or otherwise makes the
Modifications available to a third party.

(d) Notwithstanding Section 2.2(b) above, no patent license is
granted: (1) for any code that Contributor has deleted from the
Contributor Version; (2) for infringements caused by: (i) third
party modifications of Contributor Version, or (ii) the combination
of Modifications made by that Contributor with other software
(except as part of the Contributor Version) or other devices; or (3)
under Patent Claims infringed by Covered Software
in the absence of
Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available
in Executable form must also be made available in Source Code form

and that Source Code form must be distributed only under the terms
of this License. You must include a copy of this License with every
copy of the Source Code form of the Covered Software You distribute
or otherwise make available. You must inform recipients of any such
Covered Software in Executable form as to how they can obtain such
Covered Software in Source Code form in a reasonable manner on or
through a medium customarily used for software exchange.

3.2. Modifications.

The Modifications that You create or to which You contribute are
governed by the terms of this License. You represent that You
believe Your Modifications are Your original creation(s) and/or You
 have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices.

You must include a notice in each of Your Modifications that
identifies You as the Contributor of the Modification. You may not
remove or alter any copyright, patent or trademark notices contained
within the Covered Software, or any notices of licensing or any
descriptive text giving attribution to any Contributor or the
Initial Developer.

3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in
Source Code form that alters or restricts the applicable version of
this License or the recipients' rights hereunder. You may choose to
offer, and to charge a fee for, warranty, support, indemnity or
liability obligations to one or more recipients of Covered Software.
However, you may do so only on Your own behalf, and not on behalf of
the Initial Developer or any Contributor. You must make
it
absolutely clear that any such warranty, support, indemnity or
liability obligation is offered by You alone, and You hereby agree
to indemnify the Initial Developer and every Contributor for any
liability incurred by the Initial Developer or such Contributor as a
result of warranty, support, indemnity or liability terms You offer.

3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under
the terms of this License or under the terms of a license of Your
choice, which may contain terms different from this License,
provided that You are in compliance with the terms of this License
and that the license for the Executable form does not attempt to
limit or alter the recipient's rights in the Source Code form from

the rights set forth in this License. If You distribute the Covered
Software in Executable form under a different license, You must make
it absolutely clear that any
terms which differ from this License
are offered by You alone, not by the Initial Developer or
Contributor. You hereby agree to indemnify the Initial Developer and
every Contributor for any liability incurred by the Initial
Developer or such Contributor as a result of any such terms You offer.

3.6. Larger Works.

You may create a Larger Work by combining Covered Software with
other code not governed by the terms of this License and distribute
the Larger Work as a single product. In such a case, You must make
sure the requirements of this License are fulfilled for the Covered
Software.

4. Versions of the License.

4.1. New Versions.

Oracle is the initial license steward and may publish revised and/or
new versions of this License from time to time. Each version will be
given a distinguishing version number. Except as provided in Section
4.3, no one other than the license steward has the right to modify
this License.

4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the
Covered Software available under the terms of the version of the
License under which You originally received the Covered Software. If
the Initial Developer includes a notice in the Original Software
prohibiting it from being distributed or otherwise made available
under any subsequent version of the License, You must distribute and
make the Covered Software available under the terms of the version
of the License under which You originally received the Covered
Software. Otherwise, You may also choose to use, distribute or
otherwise make the Covered Software available under the terms of any
subsequent version of the License published by the license steward.

4.3. Modified Versions.

When You are an Initial Developer and You want to create a new
license for Your Original Software, You may create and use a
modified version of this License

if You: (a) rename the license and
  remove any references to the name of the license steward (except to
  note that the license differs from this License); and (b) otherwise
  make it clear that the license contains terms which differ from this
  License.

5. DISCLAIMER OF WARRANTY.

  COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS,
  WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED,
  INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE
  IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR
  NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF
  THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE
  DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY
  OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING,
  REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN
  ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS
  AUTHORIZED
 HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

  6.1. This License and the rights granted hereunder will terminate
  automatically if You fail to comply with terms herein and fail to
  cure such breach within 30 days of becoming aware of the breach.
  Provisions which, by their nature, must remain in effect beyond the
  termination of this License shall survive.

  6.2. If You assert a patent infringement claim (excluding
  declaratory judgment actions) against Initial Developer or a
  Contributor (the Initial Developer or Contributor against whom You
  assert such claim is referred to as "Participant") alleging that the
  Participant Software (meaning the Contributor Version where the
  Participant is a Contributor or the Original Software where the
  Participant is the Initial Developer) directly or indirectly
  infringes any patent, then any and all rights granted directly or
  indirectly to You by such Participant, the Initial Developer
 (if the
  Initial Developer is not the Participant) and all Contributors under
  Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice
  from Participant terminate prospectively and automatically at the
  expiration of such 60 day notice period, unless if within such 60
  day period You withdraw Your claim with respect to the Participant
  Software against such Participant either unilaterally or pursuant to
  a written agreement with Participant.

  6.3. If You assert a patent infringement claim against Participant

alleging that the Participant Software directly or indirectly
infringes any patent where such claim is resolved (such as by
license or settlement) prior to the initiation of patent
infringement litigation, then the reasonable value of the licenses
granted by such Participant under Sections 2.1 or 2.2 shall be taken
into account in determining the amount or value of any payment or
license.

6.4. In the event of termination
under Sections 6.1 or 6.2 above,
all end user licenses that have been validly granted by You or any
distributor hereunder prior to termination (excluding licenses
granted to You by any distributor) shall survive termination.

7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT
(INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE
INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF
COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE
TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR
CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT
LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER
FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR
LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE
POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT
APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY
RESULTING FROM SUCH
PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH
LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR
LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION
AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS.

The Covered Software is a "commercial item," as that term is defined
in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer
software" (as that term is defined at 48 C.F.R.
252.227-7014(a)(1)) and "commercial computer software documentation"
as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent
with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4
(June 1995), all U.S. Government End Users acquire Covered Software
with only those rights set forth herein. This U.S. Government Rights
clause is in lieu of, and supersedes, any other FAR, DFAR, or other
clause or provision that addresses Government rights in computer

software under this License.

9. MISCELLANEOUS.

This License represents the complete agreement concerning subject
matter hereof. If any provision of this License is held to be
unenforceable, such provision shall be reformed only to the extent
necessary to make it enforceable. This License shall be governed by
the law of the jurisdiction specified in a notice contained within
the Original Software (except to the extent applicable law, if any,
provides otherwise), excluding such jurisdiction's conflict-of-law
provisions. Any litigation relating to this License shall be subject
to the jurisdiction of the courts located in the jurisdiction and
venue specified in a notice contained within the Original Software,
with the losing party responsible for costs, including, without
limitation, court costs and reasonable attorneys' fees and expenses.
The application of the United Nations Convention on Contracts for
the International Sale of
Goods is expressly excluded. Any law or
regulation which provides that the language of a contract shall be
construed against the drafter shall not apply to this License. You
agree that You alone are responsible for compliance with the United
States export administration regulations (and the export control
laws and regulation of any other countries) when You use, distribute
or otherwise make available any Covered Software.

10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is
responsible for claims and damages arising, directly or indirectly,
out of its utilization of rights under this License and You agree to
work with Initial Developer and Contributors to distribute such
responsibility on an equitable basis. Nothing herein is intended or
shall be deemed to constitute any admission of liability.

NOTICE PURSUANT TO SECTION
 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION
LICENSE (CDDL)

The code released under the CDDL shall be governed by the laws of the
State of California (excluding conflict-of-law provisions). Any
litigation relating to this License shall be subject to the jurisdiction
of the Federal Courts of the Northern District of California and the
state courts of the State of California, with venue lying in Santa Clara
County, California.

The GNU General Public License (GPL) Version 2, June 1991

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users.
 This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute
 copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so

that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making
 the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this
 License; they are outside its scope. The act of running
the Program is not restricted, and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy
 and distribute
such modifications or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how to view a copy of this License.
 (Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative
 or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections 1
and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your cost
of physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under
the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to
distribute corresponding source code. (This alternative is allowed
only for noncommercial distribution and only if you received the
program in object code or executable form with such an offer, in
accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs,
unless that component itself accompanies the
executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works.
These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all

its terms and conditions for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License,
 they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software
 distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries

not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation
 may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be
 guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY
 GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

   One line to give the program's name and a brief
 idea of what it does.
   Copyright (C) <year> <name of author>

   This program is free software; you can redistribute it and/or modify
   it under the terms of the GNU General Public License as published by
   the Free Software Foundation; either version 2 of the License, or
   (at your option) any later version.

   This program is distributed in the hope that it will be useful, but
   WITHOUT ANY WARRANTY; without even the implied warranty of
   MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
   General Public License for more details.

   You should have received a copy of the GNU General Public License
   along with this program; if not, write to the Free Software
   Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

   Gnomovision version
 69, Copyright (C) year name of author
   Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
   `show w'. This is free software, and you are welcome to redistribute
   it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

  Yoyodyne, Inc., hereby disclaims all copyright interest in the
  program `Gnomovision' (which makes passes at compilers) written by
  James Hacker.

  signature of Ty Coon, 1 April 1989
  Ty Coon, President of Vice

This General Public License does not permit incorporating your
 program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

#

Certain source files distributed by Oracle America, Inc. and/or its
affiliates are subject to the following clarification and special
exception to the GPLv2, based on the GNU Project exception for its
Classpath libraries, known as the GNU Classpath Exception, but only
where Oracle has expressly included in the particular source file's
header the words "Oracle designates this particular file as subject to
the "Classpath" exception as provided by Oracle in the LICENSE file
that accompanied this code."

You should also note that Oracle includes multiple, independent
programs in this software package. Some of those programs are provided
under licenses deemed incompatible with the GPLv2 by the Free Software
Foundation and
 others. For example, the package includes programs
licensed under the Apache License, Version 2.0. Such programs are
licensed to you under their original licenses.

Oracle facilitates your further distribution of this package by adding
the Classpath Exception to the necessary parts of its GPLv2 code, which
permits you to use that code in combination with other independent
modules not licensed under the GPLv2. However, note that this would
not permit you to commingle code under an incompatible license with
Oracle's GPLv2 licensed code by, for example, cutting and pasting such
code into a file also containing Oracle's GPLv2 licensed code and then
distributing the result. Additionally, if you were to remove the
Classpath Exception from any of the files to which it applies and
distribute the result, you would likely be required to license some or
all of the other code in that distribution under the GPLv2 as well, and

since the GPLv2 is incompatible with the license terms of some items
included
 in the distribution by Oracle, removing the Classpath
Exception could therefore effectively compromise your ability to
further distribute the package.

Proceed with caution and we recommend that you obtain the advice of a
lawyer skilled in open source matters before removing the Classpath
Exception or making modifications to this package which may
subsequently be redistributed and/or involve the use of third party
software.

CLASSPATH EXCEPTION
Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet,
 for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If you do not wish to do so, delete this exception statement
from your version.

1.144 hibernate-validator 6.1.7.Final

1.144.1 Available under license :

Adam Stawicki

Ahmed Al Hafoudh

Alaa Nassef

Andrey Derevyanko

Andrey Rodionov

Asutosh Pandya

Benson Margulies

Brent Douglas

Carlos Vara

Carlo de Wolf

Chris Beckey

Christian Ivan

Dag Hovland

Damir Alibegovic

Dario Seidl

Davide D'Alto

Davide Marchignoli

Denis Tiago

Doug Lea

Emmanuel Bernard

Efthymis Sarbanis

Federico

Federico Mancini

Gavin King

George Gastaldi

Gerhard Petracek

Guillaume Husta

Guillaume Smet

Gunnar Morling

Hardy Ferentschik

Henno Vermeulen

Hillmer Chona

Jan-Willem Willebrands

Jason T. Greene

Jesper Preuss

Jiri Bilek

Julien Furgerot

Julien May

Juraci Krohling

Justin Nauman

Kathryn Killebrew

Kazuki Shimizu

Kevin Pollet

Khalid Alqinyah

Lee KyoungIl

Leonardo Loch Zanivan

Lucas Pouzac

Lukas Niemeier

Mark Hobson

Marko Bekhta

Matthias Kurz

Mert Caliskan

Michal Fotyga

Nicola Ferraro

Nicolas Franois

Paolo Perrotta

Pete Muir

Rob Dickinson

Sanne Grinovero

Sebastian Bayerl

Shahram Goodarzi

Shane Bryzak

Shelly McGowan

Sjaak Derksen

Steve Ebersole

Strong Liu

Tadhg Pearson

Takashi Aoe

Tomaz

 Cerar

Tommy Johansen

Victor Rezende dos Santos

Willi Schnborn

Xavier Sosnovsky

Yanming Zhou

Yoann Rodire

Hibernate Validator, declare and validate application constraints

License: Apache License, Version 2.0
See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

   "License" shall mean the terms and conditions for use, reproduction,
   and distribution as defined by Sections 1 through 9 of this document.

   "Licensor" shall mean the copyright owner or entity authorized by
   the copyright owner that is granting the License.

   "Legal Entity" shall mean the union of the acting entity and all
   other entities that control, are controlled by, or are under common
   control with that entity. For the purposes of this definition,
   "control" means (i) the power, direct or indirect, to cause the
   direction or management of such entity, whether by contract or
   otherwise, or (ii) ownership of fifty percent (50%) or more of the
   outstanding shares, or (iii) beneficial ownership
 of such entity.

   "You" (or "Your") shall mean an individual or Legal Entity
   exercising permissions granted by this License.

   "Source" form shall mean the preferred form for making modifications,
   including but not limited to software source code, documentation

source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this

License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must
       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding
those notices that do not
       pertain to any part of the Derivative Works, in at least one
       of the following places: within a NOTICE text file distributed
       as part of the Derivative Works; within the Source form or
       documentation, if provided along with the Derivative Works; or,
       within a display generated by the Derivative Works, if and
       wherever such third-party notices normally appear. The contents
       of the NOTICE file are for informational purposes only and
       do not modify the License. You may add Your own attribution
       notices within Derivative Works that You distribute, alongside
       or as an addendum to the NOTICE text from the Work, provided

that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.145 jakarta-expression-language-3.0-implementation 3.0.4

1.145.1 Available under license :

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION

OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

  a) in the case of the initial Contributor, the initial content
    Distributed under this Agreement, and

  b) in the case of each subsequent Contributor:
    i) changes to the Program, and
    ii) additions to the Program;
  where such changes and/or additions to the Program originate from
  and are Distributed by that particular Contributor. A Contribution
  "originates" from a Contributor if it was added to the Program by
  such Contributor itself or anyone acting on such Contributor's behalf.
  Contributions do not include changes or additions to the Program that
  are not Modified Works.

  "Contributor" means any person or
entity that Distributes the Program.

  "Licensed Patents" mean patent claims licensable by a Contributor which
  are necessarily infringed by the use or sale of its Contribution alone
  or when combined with the Program.

  "Program" means the Contributions Distributed in accordance with this
  Agreement.

  "Recipient" means anyone who receives the Program under this Agreement
  or any Secondary License (as applicable), including Contributors.

  "Derivative Works" shall mean any work, whether in Source Code or other
  form, that is based on (or derived from) the Program and for which the
  editorial revisions, annotations, elaborations, or other modifications
  represent, as a whole, an original work of authorship.

  "Modified Works" shall mean any work in Source Code or other form that
  results from an addition to, deletion from, or modification of the
  contents of the Program, including, for purposes of clarity any new file
  in Source Code form that
contains any contents of the Program. Modified
  Works shall not include works that contain only declarations,
  interfaces, types, classes, structures, or files of the Program solely
  in each case in order to link to, bind by name, or subclass the Program
  or Modified Works thereof.

  "Distribute" means the acts of a) distributing or b) making available

in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has

sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor may Distribute the Program under a license
different than this Agreement, provided that such license:
 i) effectively disclaims on behalf of all other Contributors all
   warranties and conditions, express and implied, including
   warranties or conditions of title and non-infringement, and
   implied warranties or conditions of merchantability and fitness
   for a particular purpose;

   ii) effectively excludes on behalf of all other Contributors all
   liability for damages, including direct, indirect, special,
   incidental and consequential damages, such as lost profits;

   iii) does not attempt to limit or alter the recipients' rights
   in the Source Code under section 3.2; and

   iv) requires any subsequent distribution of the Program by any
   party to be under a license that satisfies the requirements
   of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the
   Program (i) is combined with other material
in a separate file or
   files made available under a Secondary License, and (ii) the initial
   Contributor attached to the Source Code the notice described in
   Exhibit A of this Agreement, then the Program may be made available

under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing
of such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN
THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's

rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel
or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A
is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely
to
look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free

software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed
at all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted,
and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications

or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how
to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections 1
and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your cost

of physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to
distribute corresponding source code. (This alternative is allowed
only for noncommercial distribution and only if you received the
program in object code or executable form with such an offer, in
accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed
need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are

prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all
its terms and conditions for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted

in

certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free
Software Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM

(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show

w' and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU
Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
you do not wish to do so, delete this exception statement
from your version.
Notices for Jakarta Expression Language

This content is produced and maintained by the Jakarta Expression Language project.

* Project home: https://projects.eclipse.org/projects/ee4j.el

Trademarks

Jakarta Expression Language is a trademark of the Eclipse
Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/el-ri

Third-party Content

Cryptography

Content may contain encryption software. The country in which you are currently
may have restrictions on the import, possession, and use, and/or re-export to
another country, of encryption software. BEFORE using any encryption software,
please check the country's laws, regulations and policies concerning the import,
possession, or use, and re-export of encryption software, to see if this is
permitted.

1.146 jackson-databind 2.11.3

1.146.1 Available under license :

This copy of Jackson JSON processor databind module is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0
Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
commercially by FasterXML.com.

Licensing

Jackson core and extension components may be licensed under different licenses.
To find the details that apply to this artifact see the accompanying LICENSE file.
For more information, including possible other licensing options, contact
FasterXML.com (http://fasterxml.com).

Credits

A list of contributors may be found from CREDITS file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.

1.147 mysql-connector-j 8.0.22

1.147.1 Available under license :

Licensing Information User Manual

MySQL Connector/J 8.0

_____

Introduction

This License Information User Manual contains Oracle's product license
and other licensing information, including licensing information for
third-party software which may be included in this distribution of
MySQL Connector/J 8.0.

Last updated: August 2020

Licensing Information

This is a release of MySQL Connector/J 8.0, brought to you by the MySQL
team at Oracle. This software is released under version 2 of the GNU
General Public License (GPLv2), as set forth below, with the following
additional permissions:

This distribution of MySQL Connector/J 8.0 is distributed with certain
software that is licensed under separate terms, as designated in a
particular file or component or in the license documentation. Without
limiting your rights under the GPLv2, the authors of MySQL hereby grant
you an additional
permission to link the program and your derivative
works with the separately licensed software that they have included
with the program.

Without limiting the foregoing grant of rights under the GPLv2 and
additional permission as to separately licensed software, this
Connector is also subject to the Universal FOSS Exception, version 1.0,
a copy of which is reproduced below and can also be found along with
its FAQ at http://oss.oracle.com/licenses/universal-foss-exception.

Copyright (c) 2017, 2020, Oracle and/or its affiliates.

Election of GPLv2

For the avoidance of doubt, except that if any license choice other
than GPL or LGPL is available it will apply instead, Oracle elects to
use only the General Public License version 2 (GPLv2) at this time for
any software where a choice of GPL license versions is made available
with the language indicating that GPLv2 or any later version may be
used, or where a choice of which version of the GPL is applied
is
otherwise unspecified.

GNU General Public License Version 2.0, June 1991

The following applies to all products licensed under the GNU General
Public License, Version 2.0: You may not use the identified files
except in compliance with the GNU General Public License, Version
2.0 (the "License.") You may obtain a copy of the License at
http://www.gnu.org/licenses/gpl-2.0.txt. A copy of the license is
also reproduced below. Unless required by applicable law or agreed
to in writing, software distributed under the License is distributed
on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND,
either express or implied. See the License for the specific language
governing permissions and limitations under the License.

==
==

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin
 Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim
copies of this license document, but changing it is not
allowed.

Preamble

 The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users. This
General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to
using it. (Some other Free Software Foundation software is covered by
the GNU Lesser General Public License instead.) You can apply it to
your programs, too.

 When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for
this service if you wish),
 that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

 To protect your rights, we need to make restrictions that forbid
anyone to deny you these rights or to ask you to surrender the rights.
These restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

 For example, if you distribute copies of such a program, whether
gratis or for a fee, you must give the recipients all the rights that
you have. You must make sure that they, too, receive or can get the
source code. And you must show them these terms so they know their
rights.

 We protect your rights with two steps: (1) copyright the software,
and (2) offer you this license which gives you legal permission to
copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands
 that there is no warranty for this free
software. If the software is modified by someone else and passed on,
we want its recipients to know that what they have is not the original,
so that any problems introduced by others will not reflect on the
original authors' reputations.

 Finally, any free program is threatened constantly by software
patents. We wish to avoid the danger that redistributors of a free
program will individually obtain patent licenses, in effect making the
program proprietary. To prevent this, we have made it clear that any
patent must be licensed for everyone's free use or not licensed at all.

 The precise terms and conditions for copying, distribution and
modification follow.

GNU GENERAL PUBLIC LICENSE
 TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

 0. This License applies to any program or other work which contains
a notice placed by the copyright holder saying it may be distributed
under the terms of this
 General Public License. The "Program", below,
refers to any such program or work, and a "work based on the Program"
means either the Program or any derivative work under copyright law:
that is to say, a work containing the Program or a portion of it,
either verbatim or with modifications and/or translated into another
language. (Hereinafter, translation is included without limitation in
the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running the Program is not restricted, and the output from the Program
is covered only if its contents constitute a work based on the
Program (independent of having been made by running the Program).
Whether that is true depends on what the Program does.

 1. You may copy and distribute verbatim copies of the Program's
source code as you receive it, in any medium, provided that you
conspicuously and appropriately
 publish on each copy an appropriate
copyright notice and disclaimer of warranty; keep intact all the
notices that refer to this License and to the absence of any warranty;
and give any other recipients of the Program a copy of this License
along with the Program.

You may charge a fee for the physical act of transferring a copy, and

you may at your option offer warranty protection in exchange for a fee.

 2. You may modify your copy or copies of the Program or any portion
of it, thus forming a work based on the Program, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

  a) You must cause the modified files to carry prominent notices
  stating that you changed the files and the date of any change.

  b) You must cause any work that you distribute or publish, that in
  whole or in part contains or is derived from the Program or any
  part thereof, to be licensed as a whole at
 no charge to all third
  parties under the terms of this License.

  c) If the modified program normally reads commands interactively
  when run, you must cause it, when started running for such
  interactive use in the most ordinary way, to print or display an
  announcement including an appropriate copyright notice and a
  notice that there is no warranty (or else, saying that you provide
  a warranty) and that users may redistribute the program under
  these conditions, and telling the user how to view a copy of this
  License. (Exception: if the Program itself is interactive but
  does not normally print such an announcement, your work based on
  the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to
 those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Program, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided
 that you also do one of the following:

  a) Accompany it with the complete corresponding machine-readable
  source code, which must be distributed under the terms of Sections
  1 and 2 above on a medium customarily used for software
  interchange; or,

  b) Accompany it with a written offer, valid for at least three
  years, to give any third party, for a charge no more than your
  cost of physically performing source distribution, a complete
  machine-readable copy of the corresponding source code, to be
  distributed under the terms of Sections 1 and 2 above on a medium
  customarily used for software interchange; or,

  c) Accompany it with the information you received as to the offer
  to distribute corresponding source code. (This alternative is
  allowed only for noncommercial distribution and only if you
  received the program in object code or executable form with such
  an offer, in accord with Subsection b above.)

The source code for a
 work means the preferred form of the work for
making modifications to it. For an executable work, complete source
code means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to
control compilation and installation of the executable. However, as
a special exception, the source code distributed need not include
anything that is normally distributed (in either source or binary
form) with the major components (compiler, kernel, and so on) of the
operating system on which the executable runs, unless that component
itself accompanies the executable.

If distribution of executable or object code is made by offering
access to copy from a designated place, then offering equivalent
access to copy the source code from the same place counts as
distribution of the source code, even though third parties are not
compelled to copy the source along with the object code.

 4. You may not copy, modify, sublicense, or distribute the
 Program
except as expressly provided under this License. Any attempt
otherwise to copy, modify, sublicense or distribute the Program is
void, and will automatically terminate your rights under this License.
However, parties who have received copies, or rights, from you under
this License will not have their licenses terminated so long as such

parties remain in full compliance.

 5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Program or works based on it.

 6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives
 a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties to
this License.

 7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Program at all. For example, if a patent
license would not permit royalty-free redistribution of the Program by
all those who receive copies directly or indirectly through you, then
the
 only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is
implemented by public license practices. Many people have made
generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that
system; it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot

impose that choice.

This section is intended to make thoroughly
 clear what is believed to
be a consequence of the rest of this License.

 8. If the distribution and/or use of the Program is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License
may add an explicit geographical distribution limitation excluding
those countries, so that distribution is permitted only in or among
countries not thus excluded. In such case, this License incorporates
the limitation as if written in the body of this License.

 9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and
"any later version", you have the option of following the
 terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Program does not specify a
version number of this License, you may choose any version ever
published by the Free Software Foundation.

 10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

                    NO WARRANTY

 11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES
 PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS
WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF
ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

 If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

 To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

    <one line to give the program's name and a brief idea of what it does.>
    Copyright (C) <year> <name of author>

    This program is free software; you can redistribute it and/or
    modify it under the terms of the GNU General Public License as
    published by the Free Software Foundation; either version 2 of

    the License, or (at your option) any later version.

    This program
 is distributed in the hope that it will be useful,
    but WITHOUT ANY WARRANTY; without even the implied warranty of
    MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
    GNU General Public License for more details.

    You should have received a copy of the GNU General Public License
    along with this program; if not, write to the Free Software
    Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA
    02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

when it starts in an interactive mode:

    Gnomovision version 69, Copyright (C) year name of author
    Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
    type 'show w'. This is free software, and you are welcome
    to redistribute it under certain conditions; type 'show c'
    for details.

The hypothetical commands 'show w' and 'show c' should show the
appropriate parts of
 the General Public License. Of course, the
commands you use may be called something other than 'show w' and
'show c'; they could even be mouse-clicks or menu items--whatever
suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

 Yoyodyne, Inc., hereby disclaims all copyright interest in the
 program 'Gnomovision' (which makes passes at compilers) written
 by James Hacker.

 <signature of Ty Coon>, 1 April 1989
 Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library,
you may consider it more useful to permit linking proprietary
applications with the library. If this is what you want to do, use
the GNU Lesser General Public License instead of this License.

    ==
     ===

The Universal FOSS Exception, Version 1.0

  In addition to the rights set forth in the other license(s) included in
  the distribution for this software, data, and/or documentation
  (collectively the "Software", and such licenses collectively with this
  additional permission the "Software License"), the copyright holders
  wish to facilitate interoperability with other software, data, and/or
  documentation distributed with complete corresponding source under a
  license that is OSI-approved and/or categorized by the FSF as free
  (collectively "Other FOSS"). We therefore hereby grant the following
  additional permission with respect to the use and distribution of the
  Software with Other FOSS, and the constants, function signatures, data
  structures and other invocation methods used to run or interact with

each of them (as to each, such software's "Interfaces"):

  i. The Software's
Interfaces may, to the extent permitted by the
license of the Other FOSS, be copied into, used and distributed in
the Other FOSS in order to enable interoperability, without
requiring a change to the license of the Other FOSS other than as
to any Interfaces of the Software embedded therein. The Software's
Interfaces remain at all times under the Software License,
including without limitation as used in the Other FOSS (which upon
any such use also then contains a portion of the Software under the
Software License).

  ii. The Other FOSS's Interfaces may, to the extent permitted by the
license of the Other FOSS, be copied into, used and distributed in
the Software in order to enable interoperability, without requiring
that such Interfaces be licensed under the terms of the Software
License or otherwise altering their original terms, if this does
not require any portion of the Software other than
such Interfaces
to be licensed under the terms other than the Software License.

  iii. If only Interfaces and no other code is copied between the
Software and the Other FOSS in either direction, the use and/or
distribution of the Software with the Other FOSS shall not be
deemed to require that the Other FOSS be licensed under the license
of the Software, other than as to any Interfaces of the Software
copied into the Other FOSS. This includes, by way of example and
without limitation, statically or dynamically linking the Software
together with Other FOSS after enabling interoperability using the
Interfaces of one or both, and distributing the resulting
combination under different licenses for the respective portions
thereof. For avoidance of doubt, a license which is OSI-approved or
categorized by the FSF as free, includes, for the purpose of this
permission, such licenses with additional permissions,
and any
license that has previously been so approved or categorized as
free, even if now deprecated or otherwise no longer recognized as
approved or free. Nothing in this additional permission grants any
right to distribute any portion of the Software on terms other than
those of the Software License or grants any additional permission
of any kind for use or distribution of the Software in conjunction
with software other than Other FOSS.

===
===

Licenses for Third-Party Components

The following sections contain licensing information for libraries that
may be included with this product. We are thankful to all individuals

that have created these. Standard licenses referenced herein are
detailed in the Standard Licenses section.

c3p0 JDBC Library

  The MySQL Connector/J implements
 interfaces that are included in c3p0,
  although no part of c3p0 is included or distributed with MySQL.
Copyright (C) 2019 Machinery For Change, Inc.

* This library is free software; you can redistribute it and/or modify
* it under the terms of EITHER:
*
*   1) The GNU Lesser General Public License (LGPL), version 2.1, as
*   published by the Free Software Foundation
*
* OR
*
*   2) The Eclipse Public License (EPL), version 1.0
* You may choose which license to accept if you wish to redistribute
* or modify this work. You may offer derivatives of this work
* under the license you have chosen, or you may provide the same
* choice of license which you have been offered here.
*
* This software is distributed in the hope that it will be useful,
* but WITHOUT ANY WARRANTY; without even the implied warranty of
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
*
* You should have received copies of both LGPL v2.1 and EPL v1.0
* along with this software;
 see the files LICENSE-EPL and LICENSE-LGPL.
* If not, the text of these licenses are currently available at
*
* LGPL v2.1: http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html
* EPL v1.0: http://www.eclipse.org/org/documents/epl-v10.php

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC
LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM
CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation

distributed under this Agreement, and

b) in the case of each subsequent Contributor:

  i) changes to the Program, and

  ii) additions to the Program;

where such changes and/or additions to the Program originate from and are
distributed by that particular Contributor. A Contribution 'originates' from a
Contributor if it was added to the Program by such Contributor itself or anyone
acting
 on such Contributor's behalf. Contributions do not include additionsto
the Program which: (i) are separate modules of software distributed in
conjunction with the Program under their own license agreement, and (ii) are not
derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are
necessarily infringed by the use or sale of its Contribution alone or when
combined with the Program.

"Program" means the Contributions distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement,
including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants
Recipient a non-exclusive, worldwide, royalty-free copyright license to
reproduce, prepare derivative works of, publicly display, publicly perform,
distribute and sublicense the Contribution of such Contributor,
 if any, and such
derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants
Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed
Patents to make, use, sell, offer to sell, import and otherwise transfer the
Contribution of such Contributor, if any, in source code and object code form.
This patent license shall apply to the combination of the Contribution and the
Program if, at the time the Contribution is added by the Contributor, such
addition of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other combinations
which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property

 rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

   i) effectively
 disclaims on behalf of all Contributors all warranties
      and conditions, express and implied, including warranties or conditions
      of title and non-infringement, and implied warranties or conditions of
      merchantability and fitness for a particular purpose;

  ii) effectively excludes on behalf of all Contributors all liability for
      damages, including direct, indirect, special, incidental and
      consequential damages, such as lost profits;

  iii) states that any provisions which differ from this Agreement are
      offered by that Contributor alone and not by any other party; and

  iv) states that source code for the Program is available from such
      Contributor, and informs licensees how to obtain it in a reasonable
      manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must

be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within
the Program.

Each Contributor must identify itself as the originator of its Contribution,
if any, in a manner that reasonably allows subsequent Recipients to identify
the originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with
respect to end users, business partners and the like. While this license is
intended to facilitate the commercial use of the Program, the Contributor who
includes the Program in a commercial product offering should do so in a manner
which does not create potential liability for other Contributors. Therefore, if
a Contributor includes the Program in a commercial product offering, such
Contributor ("Commercial Contributor") hereby agrees to defend and indemnify
every other Contributor ("Indemnified Contributor") against any losses, damages
and costs (collectively
 "Losses") arising from claims, lawsuits and other legal
actions brought by a third party against the Indemnified Contributor to the
extent caused by the acts or omissions of such Commercial Contributor in
connection with its distribution of the Program in a commercial product
offering. The obligations in this section do not apply to any claims or Losses
relating to any actual or alleged intellectual property infringement. In order
to qualify, an Indemnified Contributor must: a) promptly notify the Commercial
Contributor in writing of such claim, and b) allow the Commercial Contributor to
control, and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may participate in
any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product
offering, Product X. That Contributor is then a Commercial Contributor. If that
Commercial Contributor then makes performance claims,
 or offers warranties
related to Product X, those performance claims and warranties are such
Commercial Contributor's responsibility alone. Under this section, the
Commercial Contributor would have to defend claims against the other
Contributors related to those performance claims and warranties, and if a court
requires any other Contributor to pay any damages as a result, the Commercial
Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN
"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE,

NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each
Recipient is solely responsible for determining the appropriateness of using and
distributing the Program and assumes all risks associated with its exercise of
rights under this Agreement , including but not limited to the risks and costs
of
 program errors, compliance with applicable laws, damage to or loss of data,
programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY
CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS
GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable
law, it shall not affect the validity or enforceability of the remainder of the
terms of this Agreement, and without further action by the parties hereto, such
provision shall be reformed to the
 minimum extent necessary to make such
provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Program itself
(excluding combinations of the Program with other software or hardware)
infringes such Recipient's patent(s), then such Recipient's rights granted under
Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to
comply with any of the material terms or conditions of this Agreement and does
not cure such failure in a reasonable period of time after becoming aware of
such noncompliance. If all Recipient's rights under this Agreement terminate,
Recipient agrees to cease use and distribution of the Program as soon as
reasonably practicable. However, Recipient's obligations under this Agreement
and any licenses granted by Recipient relating to the Program shall continue and
survive.

Everyone
 is permitted to copy and distribute copies of this Agreement, but in
order to avoid inconsistency the Agreement is copyrighted and may only be
modified in the following manner. The Agreement Steward reserves the right to
publish new versions (including revisions) of this Agreement from time to time.
No one other than the Agreement Steward has the right to modify this Agreement.

The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above,
 Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

 The LGPL v2.1 can be found in GNU Lesser General Public License Version 2.1, February 1999.

==
==

Google Protocol Buffers

Copyright 2008 Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted
 provided that the following conditions are
met:

  * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
  * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
  * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO,
 PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is owned by the owner
of the input file used when generating it. This code is not
standalone and requires a support library to be linked with it. This
support library is itself covered by the above license.

===
===

Java Hamcrest

===
===

jboss-common-jdbc-wrapper.jar

 This product may include a copy of jboss-common-jdbc-wrapper.jar in
 both source and object code in the following
 /src/lib/jboss-common-jdbc-wrapper.jar. The terms of the Oracle license
 do NOT apply to jboss-common-jdbc-wrapper.jar; it is licensed under the
 following license, separately from the Oracle programs you receive. If
 you do not wish to install this library, you may remove the file
 /src/lib/jboss-common-jdbc-wrapper.jar, but the Oracle program might
 not operate properly or at all without the library.

 This component is licensed under GNU Lesser General
Public License
 Version 2.1, February 1999. See the 'Standard Licenses' section for
 license text.

===
===

JUnit 5

COPYRIGHT: Copyright 2015-2020 the original author or authors.

Eclipse Public License - v 2.0

 THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
 PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
 OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

 a) in the case of the initial Contributor, the initial content
   Distributed under this Agreement, and

 b) in the case of each subsequent Contributor:
   i) changes to the Program, and
   ii) additions to the Program;
 where such changes and/or additions to the Program originate from
 and are Distributed by that particular Contributor. A Contribution
 "originates" from
 a Contributor if it was added to the Program by
 such Contributor itself or anyone acting on such Contributor's behalf.

Contributions do not include changes or additions to the Program that
are not Modified Works.

"Contributor" means any person or entity that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which
are necessarily infringed by the use or sale of its Contribution alone
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work
 in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity any new file
in Source Code form that contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT
 OF RIGHTS

 a) Subject to the terms of this Agreement, each Contributor hereby
 grants Recipient a non-exclusive, worldwide, royalty-free copyright
 license to reproduce, prepare Derivative Works of, publicly display,

publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution.
No hardware per se is
licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if
any, to grant
the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program

is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor may Distribute the Program under a license
different than this Agreement, provided that such license:
   i) effectively disclaims on behalf of all
other Contributors all
   warranties and conditions, express and implied, including
   warranties or conditions of title and non-infringement, and
   implied warranties or conditions of merchantability and fitness
   for a particular purpose;

   ii) effectively excludes on behalf of all other Contributors all
   liability for damages, including direct, indirect, special,
   incidental and consequential damages, such as lost profits;

   iii) does not attempt to limit or alter the recipients' rights
   in the Source Code under section 3.2; and

   iv) requires any subsequent distribution of the Program by any
   party to be under a license that satisfies the requirements
   of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material in a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached
to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,

the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the

 Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim

 at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS
 FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED
 OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware
 of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions)

may always be

Distributed subject to the version of the Agreement under which it was

received. In addition, after a new version of the Agreement is published,

Contributor may elect to Distribute the Program (including its

Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient

receives no rights or licenses to the intellectual property of any

Contributor under this Agreement, whether expressly, by implication,

estoppel or otherwise. All rights in the Program not expressly granted

under this Agreement are reserved. Nothing in this Agreement is intended

to be enforceable by any entity that is not a Contributor or Recipient.

No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following

Secondary Licenses when the conditions for such availability set forth

in the Eclipse Public License, v. 2.0 are satisfied: {name

 license(s),

version(s), and exceptions or additional permissions here}."

 Simply including a copy of this Agreement, including this Exhibit A

 is not sufficient to license the Source Code under Secondary Licenses.

 If it is not possible or desirable to put the notice in a particular

 file, then You may include the notice in a location (such as a LICENSE

 file in a relevant directory) where a recipient would be likely to

 look for such a notice.

 You may add additional accurate notices of copyright ownership.

==

This product may include a number of subcomponents with separate

copyright notices and license terms. Your use of the source code for

these subcomponents is subject to the terms and conditions of the

subcomponent's license, as noted in the LICENSE-<subcomponent>.md

files.

=== Copyright from source files ===

/*

* Copyright 2015-2020 the original author or authors.

*

* All rights reserved.

 This program and the accompanying materials are

* made available under the terms of the Eclipse Public License v2.0 which

* accompanies this distribution and is available at

*

* https://www.eclipse.org/legal/epl-v20.html
*/

Additionall licenses
===================

=== junit-jupiter-params & junit-platform-console ====
Directories include an Apache license file

Apache License Version 2.0, January 2004

Additional external dependencies
==============================
https://github.com/apiguardian-team/apiguardian/archive/r1.1.0.zip
/*
* Copyright 2002-2017 the original author or authors.
*
The above component is licensed under
Apache License Version 2.0, January 2004

https://github.com/ota4j-team/opentest4j/archive/r1.2.0.zip
/*
* Copyright 2015-2018 the original author or authors.
*
The above component is licensed under
Apache License Version 2.0, January 2004

  ===
  ===

NanoXML

   NanoXML
* Copyright (C) 2000-2002 Marc De Scheemaecker, All Rights Reserved.
*
* This software is provided 'as-is', without any express or implied warranty.
* In no event will the authors be held liable for any damages arising from the
* use of this software.
*
* Permission is granted to anyone to use this software for any purpose,
* including commercial applications, and to alter it and redistribute it
* freely, subject to the following restrictions:
*
* 1. The origin of this software must not be misrepresented; you must not
*   claim that you wrote the original software. If you use this software in
*   a product, an acknowledgment in the product documentation would be

```
*    appreciated but is not required.
*
*  2. Altered source versions must be plainly marked as such, and must not be
*     misrepresented as being the original software.
*
*  3. This notice may not be removed or altered from any source distribution.
 *
```

==
==

rox.jar

 rox.jar
Copyright (c) 2006, James Greenfield
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

 * Redistributions of source code must retain the above copyright notice,
   this list of conditions and the following disclaimer.
 * Redistributions in binary form must reproduce the above copyright notice,
   this list of conditions and the following disclaimer in the documentation
   and/or other materials provided with the distribution.
 * Neither the name of the <ORGANIZATION> nor the names of its
   contributors may be used to endorse or promote products derived from this
   software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
 CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==
==

Simple Logging Facade for Java (SLF4J)

Simple Logging Facade for Java (SLF4J)

Copyright (c) 2004-2011 QOS.ch
All rights reserved.

Permission is hereby
 granted, free of charge,
to any person obtaining a copy of this software
and associated documentation files (the "Software"),
to deal in the Software without restriction, including
without limitation the rights to use, copy, modify,
merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom
the Software is furnished to do so, subject to the
following conditions:

The above copyright notice and this permission notice
shall be included in all copies or substantial portions
of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY
OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT
LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO
EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE
FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN
AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE
OR OTHER DEALINGS IN THE SOFTWARE.

===
===

Unicode Data Files

  Unicode Data Files
COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1991-2014 Unicode, Inc. All rights reserved. Distributed under
the Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy
of the Unicode data files and any associated documentation (the "Data Files")
or Unicode software and any associated documentation (the "Software") to deal
in the Data Files or Software without restriction, including without
limitation the rights to use, copy, modify, merge, publish, distribute,
and/or sell copies of the Data Files or Software, and to permit persons to
whom the Data Files or Software are furnished to do so, provided that (a) the
above copyright notice(s) and this permission notice appear with all copies
of the Data Files or Software,

(b) both the above copyright notice(s) and
this permission notice appear in associated documentation, and (c) there is
clear notice in each modified Data File or in the Software as well as in the
documentation associated with the Data File(s) or Software that the data or
software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD
PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS
NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL
DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING
OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR
SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall
 not be
used in advertising or otherwise to promote the sale, use or other dealings in
these Data Files or Software without prior written authorization of the
copyright holder.

===
===

Standard Licenses

GNU Lesser General Public License Version 2.1, February 1999

The following applies to all products licensed under the
GNU Lesser General Public License, Version 2.1: You may
not use the identified files except in compliance with
the GNU Lesser General Public License, Version 2.1 (the
"License"). You may obtain a copy of the License at
http://www.gnu.org/licenses/lgpl-2.1.html. A copy of the
license is also reproduced below. Unless required by
applicable law or agreed to in writing, software distributed
under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express
or implied. See the License for
 the specific language governing
permissions and limitations under the License.

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

 The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

 This license, the Lesser General Public License, applies to some
specially designated software packages--typically
 libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

 When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.

 To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights or to ask you to surrender these
rights. These restrictions translate to certain responsibilities for
you if you distribute copies of the library
 or if you modify it.

 For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

 We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that
there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original
author's reputation will
 not be affected by problems that might be
introduced by others.

 Finally, software patents pose a constant threat to the existence of
any free program. We wish to make sure that a company cannot
effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.

 Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser
General Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.

 When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative
 of the original library. The ordinary
General Public License therefore permits such linking only if the
entire combination fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.

 We call this license the "Lesser" General Public License because it
does Less to protect the user's freedom than the ordinary General
Public License. It also provides other free software developers Less
of an advantage over competing non-free programs. These disadvantages
are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain
special circumstances.

 For example, on rare occasions, there may be a special need to
encourage the widest possible use of a certain library, so that it
becomes a de-facto standard. To achieve this, non-free programs
must be allowed to use the library. A more frequent case is that
a free library does the same job as
 widely used non-free libraries.
In this case, there is little to gain by limiting the free library
to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free
programs enables a greater number of people to use a large body of
free software. For example, permission to use the GNU C Library in
non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating
system.

Although the Lesser General Public License is Less protective of the
users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
former contains code derived
 from the library, whereas the latter must
be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

 0. This License Agreement applies to any software library or other
program which contains a notice placed by the copyright holder or
other authorized party saying it may be distributed under the terms of
this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".

 A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

 The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it,
 either verbatim or with modifications and/or translated
straightforwardly into another language. (Hereinafter, translation is
included without limitation in the term "modification".)

 "Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control
compilation and installation of the library.

 Activities other than copying, distribution and modification are not

covered by this License; they are outside its scope. The act of
running a program using the Library is not restricted, and output from
such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

 1. You may copy and distribute verbatim
 copies of the Library's
complete source code as you receive it, in any medium, provided that
you conspicuously and appropriately publish on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact
all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the
Library.

 You may charge a fee for the physical act of transferring a copy,
and you may at your option offer warranty protection in exchange for a
fee.

 2. You may modify your copy or copies of the Library or any portion
of it, thus forming a work based on the Library, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

  a) The modified work must itself be a software library.

  b) You must cause the files modified to carry prominent notices
  stating that you changed the files and the date of any change.

  c) You must cause the
 whole of the work to be licensed at no
  charge to all third parties under the terms of this License.

  d) If a facility in the modified Library refers to a function or a
  table of data to be supplied by an application program that uses
  the facility, other than as an argument passed when the facility
  is invoked, then you must make a good faith effort to ensure that,
  in the event an application does not supply such function or
  table, the facility still operates, and performs whatever part of
  its purpose remains meaningful.

  (For example, a function in a library to compute square roots has
  a purpose that is entirely well-defined independent of the
  application. Therefore, Subsection 2d requires that any
  application-supplied function or table used by this function must
  be optional: if the application does not supply it, the square
  root function must still compute square roots.)

These requirements apply to the modified work as a whole.
 If
identifiable sections of that work are not derived from the Library,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote
it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Library.

In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work
 under
the scope of this License.

 3. You may opt to apply the terms of the ordinary GNU General Public
License instead of this License to a given copy of the Library. To do
this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.

 Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

 This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

 4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms
 of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the
Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work

during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the
 copy of this License. Also, you must do one
of these things:

  a) Accompany the work with the complete corresponding
  machine-readable source code for the Library including whatever
  changes were used in the work (which must be distributed under
  Sections 1 and 2 above); and, if the work is an executable linked
  with the Library, with the complete machine-readable "work that
  uses the Library", as object code and/or source code, so that the
  user can modify the Library and then relink to produce a modified
  executable containing the modified Library. (It is understood
  that the user who changes the contents of definitions files in the
  Library will not necessarily be able to recompile the application
  to use the modified definitions.)

  b) Use a suitable shared library mechanism for linking with the
  Library. A suitable mechanism is one that (1) uses at run time a
  copy of the library already present on the user's computer system,
  rather
than copying library functions into the executable, and (2)
  will operate properly with a modified version of the library, if
  the user installs one, as long as the modified version is
  interface-compatible with the version that the work was made with.

  c) Accompany the work with a written offer, valid for at
  least three years, to give the same user the materials
  specified in Subsection 6a, above, for a charge no more
  than the cost of performing this distribution.

  d) If distribution of the work is made by offering access to copy
  from a designated place, offer equivalent access to copy the above
  specified materials from the same place.

  e) Verify that the user has already received a copy of these
  materials or that you have already sent this user a copy.

 For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special
 exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

 7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

  a) Accompany the combined
 library with a copy of the same work
   based on the Library, uncombined with any other library
   facilities. This must be distributed under the terms of the
   Sections above.

  b) Give prominent notice with the combined library of the fact
   that part of it is a work based on the Library, and explaining
   where to find the accompanying uncombined form of the same work.

 8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.

 9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute
 the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

 10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties with

this License.

11. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement
 or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under
any particular circumstance, the balance of the section is intended
to apply, and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the
 sole purpose of protecting the
integrity of the free software distribution system which is
implemented by public license practices. Many people have made
generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that
system; it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot
impose that choice.

This section is intended to make thoroughly clear what is believed to
be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Library under this License
may add an explicit geographical distribution limitation excluding
those countries, so that distribution is permitted only in or among
countries not thus excluded. In such case, this License incorporates
the limitation as if
 written in the body of this License.

13. The Free Software Foundation may publish revised and/or new
versions of the Lesser General Public License from time to time.
Such new versions will be similar in spirit to the present version,

but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library
specifies a version number of this License which applies to it and
"any later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Library does not specify a
license version number, you may choose any version ever published by
the Free Software Foundation.

 14. If you wish to incorporate parts of the Library into other free
programs whose distribution conditions are incompatible with these,
write to the author to ask for permission. For software which is
copyrighted by the Free Software Foundation, write to
 the Free
Software Foundation; we sometimes make exceptions for this. Our
decision will be guided by the two goals of preserving the free status
of all derivatives of our free software and of promoting the sharing
and reuse of software generally.

                    NO WARRANTY

 15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

 16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY
 OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.

                END OF TERMS AND CONDITIONS

        How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms
of the ordinary General Public License).

 To apply these terms, attach the following notices to the library.
It
 is safest to attach them to the start of each source file to most
effectively convey the exclusion of warranty; and each file should
have at least the "copyright" line and a pointer to where the full
notice is found.

    <one line to give the library's name and a brief idea of what it does.>
    Copyright (C) <year> <name of author>

    This library is free software; you can redistribute it and/or
    modify it under the terms of the GNU Lesser General Public
    License as published by the Free Software Foundation; either
    version 2.1 of the License, or (at your option) any later version.

    This library is distributed in the hope that it will be useful,
    but WITHOUT ANY WARRANTY; without even the implied warranty of
    MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
    Lesser General Public License for more details.

    You should have received a copy of the GNU Lesser General Public
    License along with this library; if not, write to the Free
Software
    Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA
    02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

 Yoyodyne, Inc., hereby disclaims all copyright interest in the
 library `Frob' (a library for tweaking knobs) written by James
 Random Hacker.

 <signature of Ty Coon>, 1 April 1990
 Ty Coon, President of Vice

That's all there is to it!

==

===

Apache License Version 2.0, January 2004

The following applies to all products licensed under the Apache 2.0
License: You may not use the identified files except in compliance
with the Apache License, Version 2.0 (the "License.") You may obtain
 a
copy of the License at http://www.apache.org/licenses/LICENSE-2.0. A
copy of the license is also reproduced below. Unless required by
applicable law or agreed to in writing, software distributed under the
License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
CONDITIONS OF ANY KIND, either express or implied. See the License for
the specific language governing permissions and limitations under the
License.

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the
copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other
entities that control, are controlled by, or are under common control
with that entity. For the
 purposes of this definition, "control" means
(i) the power, direct or indirect, to cause the direction or
management of such entity, whether by contract or otherwise, or (ii)
ownership of fifty percent (50%) or more of the outstanding shares, or
(iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising
permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but not
limited to compiled object code, generated documentation, and
conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided
 in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives,
 including but not limited to
communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions
 of
this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such

Contributor that are necessarily infringed by their Contribution(s)
alone or by combination of their Contribution(s) with the Work to
which such Contribution(s) was submitted. If You institute patent
litigation against any entity (including a cross-claim or counterclaim
in a lawsuit) alleging that the Work or a Contribution incorporated
within the Work constitutes direct or contributory patent
infringement, then any patent licenses granted to You under this
License for that Work shall terminate as of the date such litigation
is filed.

4. Redistribution. You may reproduce and distribute copies of the Work
or Derivative Works thereof in any medium,
 with or without
modifications, and in Source or Object form, provided that You meet
the following conditions:

(a) You must give any other recipients of the Work or Derivative Works
a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that
You distribute, all copyright, patent, trademark, and attribution
notices from the Source form of the Work, excluding those notices that
do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained

within such NOTICE file, excluding those notices that do not pertain
to any part of the Derivative Works, in at least one of the following
places: within a NOTICE text file distributed as part of the
Derivative Works; within the Source
 form or documentation, if provided
along with the Derivative Works; or, within a display generated by the
Derivative Works, if and wherever such third-party notices normally
appear. The contents of the NOTICE file are for informational purposes
only and do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside or as
an addendum to the NOTICE text from the Work, provided that such
additional attribution notices cannot be construed as modifying the
License.

You may add Your own copyright statement to Your modifications and may
provide additional or different license terms and conditions for use,
reproduction, or distribution of Your modifications, or for any such

Derivative Works as a whole, provided Your use, reproduction, and
distribution of the Work otherwise complies with the conditions stated
in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted
 for inclusion in the Work by
You to the Licensor shall be under the terms and conditions of this
License, without any additional terms or conditions. Notwithstanding
the above, nothing herein shall supersede or modify the terms of any
separate license agreement you may have executed with Licensor
regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed
to in writing, Licensor provides the Work (and each Contributor
provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR
CONDITIONS OF ANY KIND, either express or implied, including, without
limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT,
MERCHANTABILITY, or FITNESS FOR A PARTICULAR
 PURPOSE. You are solely
responsible for determining the appropriateness of using or
redistributing the Work and assume any risks associated with Your
exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise, unless
required by applicable law (such as deliberate and grossly negligent
acts) or agreed to in writing, shall any Contributor be liable to You
for damages, including any direct, indirect, special, incidental, or
consequential damages of any character arising as a result of this
License or out of the use or inability to use the Work (including but
not limited to damages for loss of goodwill, work stoppage, computer
failure or malfunction, or any and all other commercial damages or
losses), even if such Contributor has been advised of the possibility
of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works
 thereof, You may choose to offer, and
charge a fee for, acceptance of support, warranty, indemnity, or other
liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only on
Your own behalf and on Your sole responsibility, not on behalf of any

other Contributor, and only if You agree to indemnify, defend, and
hold each Contributor harmless for any liability incurred by, or
claims asserted against, such Contributor by reason of your accepting
any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate
notice, with the fields enclosed by brackets "[]" replaced with your own
identifying information. (Don't include the brackets!) The text should be
enclosed in the appropriate comment syntax for the file format. We also
recommend that a file or class name and description of purpose be
 included
on the same "printed page" as the copyright notice for easier identification
within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied. See the License for the specific language governing permissions
and limitations under the License.

===
===

Written Offer for Source Code

 For any software that you receive from Oracle in binary form which is
 licensed under an open source license that gives you the right to
  receive the source code for that binary, you can obtain a copy of the
 applicable source code by visiting
 http://www.oracle.com/goto/opensourcecode. If the source code for the
 binary was not provided to you with the binary, you can also receive a
 copy of the source code on physical media by submitting a written
 request to the address listed below or by sending an email to Oracle
 using the following link:
 http://www.oracle.com/goto/opensourcecode/request.
 Oracle America, Inc.
 Attn: Senior Vice President

Development and Engineering Legal

500 Oracle Parkway, 10th Floor

Redwood Shores, CA 94065

Your request should include:
  * The name of the binary for which you are requesting the source code
  * The name and version number of the Oracle product containing the
    binary
  * The date you received the Oracle product
  * Your name
  * Your company name (if applicable)
  * Your return mailing address and email, and
  * A telephone
number in the event we need to reach you.

We may charge you a fee to cover the cost of physical media and
processing.

Your request must be sent
 a. within three (3) years of the date you received the Oracle product
    that included the binary that is the subject of your request, or
 b. in the case of code licensed under the GPL v3 for as long as Oracle
    offers spare parts or customer support for that product model.

1.148 jackson-annotations jackson-annotations-2.11.3

1.148.1 Available under license :

This copy of Jackson JSON processor annotations is licensed under the
Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the
specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

1.149 jetty-toolchain 1.0.4

1.149.1 Available under license :

No license file was found, but licenses were detected in source scan.

// All rights reserved. This program and the accompanying materials
// are made available under the terms of the Eclipse Public License v1.0
// and Apache License v2.0 which accompanies this distribution.

//   The Eclipse Public License is available at

//   The Apache License v2.0 is available at

// You may elect to redistribute this code under either of these licenses.

Found in path(s):

* /opt/cola/permits/1293852964_1649804864.87/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/Group.java

* /opt/cola/permits/1293852964_1649804864.87/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/SetUIDServer.java

* /opt/cola/permits/1293852964_1649804864.87/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/SetUID.java

* /opt/cola/permits/1293852964_1649804864.87/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/Passwd.java

* /opt/cola/permits/1293852964_1649804864.87/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/RLimit.java

*

 /opt/cola/permits/1293852964_1649804864.87/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/SetUIDListener.java

1.150 dropwizard-auth-ldap 1.0.4

1.150.1 Available under license :

No license file was found, but licenses were detected in source scan.

<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>

Found in path(s):

* /opt/cola/permits/1293853353_1648125303.54/0/dropwizard-auth-ldap-1-0-4-sources-jar/META-INF/maven/com.yammer.dropwizard/dropwizard-auth-ldap/pom.xml

1.151 jackson-module-parameter-names 2.10.5

1.151.1 Available under license :

Apache-2.0

1.152 re-retrying 3.0.0

1.152.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2012-2015 Ray Holder

* Modifications copyright 2017 Robert Huffman

Found in path(s):
* /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/WaitStrategies.java
* /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/Retryer.java
* /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/BlockStrategy.java
*
 /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/StopStrategies.java
* /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/AttemptTimeLimiters.java
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/RetryListener.java
* /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-

jar/com/github/rholder/retry/WaitStrategy.java

* /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/AttemptTimeLimiter.java

*
 /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/StopStrategy.java

* /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/BlockStrategies.java

* /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/RetryException.java

* /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/Attempt.java

* /opt/cola/permits/1293853569_1648125110.54/0/re-retrying-3-0-0-sources-
jar/com/github/rholder/retry/RetryerBuilder.java

1.153 com.helger:profiler 1.1.1

1.153.1 Available under license :

No license file was found, but licenses were detected in source scan.

<name>The Apache License, Version 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>

Found in path(s):
* /opt/cola/permits/1293853635_1649177431.36/0/profiler-1-1-1-jar/META-
INF/maven/com.helger/profiler/pom.xml
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Automatic-Module-Name: com.papertrail.profiler
Bnd-LastModified: 1563722217801
Build-Jdk: 1.8.0_202
Built-By: philip
Bundle-Description: A pure-java implementation of the twitter/util pro
ject's `CpuProfile` and related classes.
Bundle-DocURL: http://www.helger.com
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: com.helger:profiler
Bundle-SymbolicName: com.helger.profiler
Bundle-Vendor: Philip Helger
Bundle-Version: 1.1.1
Created-By: Apache Maven Bundle Plugin
Export-Package: com.papertrail.profiler;version="1.1.1",com.papertrail
.profiler.jaxrs;uses:="javax.ws.rs";version="1.1.1"
Implementation-Title: com.helger:profiler
Implementation-URL: https://github.com/phax/profiler

Implementation-Vendor: Philip Helger

Implementation-Vendor-Id: com.helger

Implementation-Version: 1.1.1

Import-Package: com.papertrail.profiler,javax.ws.rs;version="[2.1,3)"

Require-Capability:

 osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-4.1.0.201810181252

Found in path(s):

* /opt/cola/permits/1293853635_1649177431.36/0/profiler-1-1-1-jar/META-INF/MANIFEST.MF

1.154 postgresql-jdbc-driver-pgjdbc 42.2.14.jre7

1.154.1 Available under license :

Copyright (c) 1997, PostgreSQL Global Development Group

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,

  this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,

  this list of conditions and the following disclaimer in the documentation

  and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

SUBSTITUTE

 GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE

POSSIBILITY OF SUCH DAMAGE.

Additional License files can be found in the 'licenses' folder located in the same directory as the LICENSE file (i.e.

this file)

- Software produced outside the ASF which is available under other licenses (not Apache-2.0)

BSD-2-Clause

* com.ongres.scram:client:2.1
* com.ongres.scram:common:2.1
* com.ongres.stringprep:saslprep:1.1
* com.ongres.stringprep:stringprep:1.1
Copyright 2017, OnGres.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation and/or
other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS;
 OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Copyright 2019, OnGres.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this
list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,
this list of conditions and the following disclaimer in the documentation and/or
other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS;
 OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

1.155 dropwizard-quartz 0.7.2

1.155.1 Available under license :

Apache-2.0

1.156 io-swagger-swagger-annotations 1.5.12

1.156.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Bnd-LastModified: 1482858981979

Build-Jdk: 1.7.0_79

Built-By: tony

Bundle-Description: Sonatype helps open source projects to set up Maven

repositories on https://oss.sonatype.org/

Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.html

Bundle-ManifestVersion: 2

Bundle-Name: swagger-annotations

Bundle-SymbolicName: io.swagger.annotations

Bundle-Version: 1.5.12

Created-By: Apache Maven Bundle Plugin

Export-Package: io.swagger.annotations;version="1.5.12.SNAPSHOT"

implementation-version: 1.5.12

mode: development

package: io.swagger

Tool: Bnd-1.50.0

url: https://github.com/swagger-api/swagger-core/modules/swagger-annotat

ions

Found in path(s):

* /opt/cola/permits/1294102512_1649015575.32/0/swagger-annotations-jar/META-INF/MANIFEST.MF

1.157 jest 0.1.1

1.157.1 Available under license :

Apache-2.0

1.158 analytics-for-java 2.1.1

1.158.1 Available under license :

The MIT License (MIT)

Copyright (c) 2014 Segment, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR
 IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.

1.159 apache-commons-dbutils 1.5

1.159.1 Available under license :

Apache Commons DbUtils
Copyright 2002-2012 The Apache Software Foundation

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

   "License" shall mean the terms and conditions for use, reproduction,
   and distribution as defined by Sections 1 through 9 of this document.

   "Licensor" shall mean the copyright owner or entity authorized by
   the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its

distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
 distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.160 aws-java-sdk-for-amazon-s3 1.11.820

1.160.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2012-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
/**
* Interface for providing encryption materials.
* Implementations are free to use any strategy for providing encryption
* materials, such as simply providing static material that doesn't change,
* or more complicated implementations, such as integrating with existing
* key management systems.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/EncryptionMaterialsProvider.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2013-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http//aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either

* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/PauseResult.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2016-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/AbortIncompleteMultipartUpload.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/S3RequesterChargedResult.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2014-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/event/S3EventNotification.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright (c) 2016. Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/SkipMd5CheckStrategy.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/WebsiteConfiguration.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2012-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/MultipleFileUploadImpl.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/MultipleFileDownloadImpl.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/MultipleFileUpload.java
*

/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/S3ObjectInputStream.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/DownloadMonitor.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/AbstractTransfer.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/MultipleFileTransferMonitor.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/MultipleFileDownload.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/MultipleFileTransfer.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/TransferStateChangeListener.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (c) 2017. Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/AmazonS3EncryptionClientBuilder.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/AmazonS3EncryptionClientParams.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/AmazonS3EncryptionClientParamsWrapper.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/KeyFilter.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2019-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.

* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/ObjectCannedAclProvider.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/PreparedDownloadContext.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/DownloadS3ObjectCallable.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/S3AccessPointBuilder.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/ScanRange.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
// The Amazon S3 DevPay token header is a special exception and can be safely moved

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/AmazonS3Client.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2013-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*

Found in path(s):

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/AbstractRepeatableCipherInputStream.java

No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/S3Object.java

No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/MultiFileOutputStream.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SSEAwsKeyManagementParamsProvider.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SSEAwsKeyManagementParams.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/InstructionFileId.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/PartCreationEvent.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/S3DirectSpi.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/KMSEncryptionMaterialsProvider.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/CloudFunctionConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/EncryptionMaterialsFactory.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SimpleMaterialProvider.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/auth/ChunkContentIterator.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/PutObjectRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/S3DataSource.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/AmazonS3ExceptionBuilder.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/UploadObjectRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/FileDeletionEvent.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/EncryptedInitiateMultipartUploadRequest.java
*

/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SSECustomerKeyProvider.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/QueueConfiguration.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/S3Direct.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/S3ObjectIdBuilder.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/S3ObjectId.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/auth/DecodedStreamBuffer.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/OnFileDelete.java

*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/AbstractPutObjectRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/TopicConfiguration.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/MultipleFileTransferProgressUpdatingListener.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ExtraMaterialsDescription.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/PutInstructionFileRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/KeyWrapException.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SSECustomerKey.java

*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/AmazonS3URI.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/EncryptedGetObjectRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/NotificationConfiguration.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/MaterialsDescriptionProvider.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/UploadObjectObserver.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/EncryptedPutObjectRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/S3SyncProgressListener.java

*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/MultipleFileTransferStateChangeListener.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/model/S3Event.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights
* Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/auth/S3SignerProvider.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/AmazonS3Builder.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/RoutingRule.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketLifecycleConfigurationRequest.java
*

/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/Tier.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketAclRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListObjectsV2Request.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/ListPartsHeaderHandler.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/RoutingRuleCondition.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetBucketWebsiteConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/BucketWebsiteConfiguration.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/AmazonS3ClientConfigurationFactory.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteBucketWebsiteConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetBucketPolicyRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListObjectsV2Result.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetBucketAclRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/TransferManagerBuilder.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteBucketTaggingConfigurationRequest.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketLocationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketPolicyRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketWebsiteConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/AmazonS3ClientParamsWrapper.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteBucketPolicyRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GlacierJobParameters.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/AmazonS3ClientParams.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/TransferManagerParams.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/internal/crypto/MultipartUploadContext.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/InitiateMultipartUploadHeaderHandler.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/ByteRangeCapturingInputStream.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/AmazonS3ClientBuilder.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketCrossOriginConfigurationRequest.java

*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/RedirectRule.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/S3AbortableInputStream.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2014-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Portions copyright 2006-2009 James Murty. Please see LICENSE.txt
* for applicable license terms and NOTICE.txt for applicable notices.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/KMSSecuredCEK.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/SecuredCEK.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2012-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance
with
* the License. A copy of the License is located at
*

* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions
* and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SseKmsEncryptedObjectsStatus.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ServerSideEncryptionByDefault.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/EncryptionConfiguration.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryEncryption.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SourceSelectionCriteria.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ExistingObjectReplication.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ServerSideEncryptionConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteBucketEncryptionRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteMarkerReplication.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetBucketEncryptionResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/ServerSideEncryptionKMS.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketEncryptionRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteBucketEncryptionResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SseKmsEncryptedObjects.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetBucketEncryptionRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketEncryptionResult.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ServerSideEncryptionRule.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/model/DeleteMarkerReplicationStatus.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/ExistingObjectReplicationStatus.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/inventory/ServerSideEncryptionS3.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/lifecycle/LifecycleFilterPredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/lifecycle/LifecyclePredicateVisitor.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetBucketInventoryConfigurationRequest.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketInventoryConfigurationResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/replication/ReplicationFilter.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetBucketAnalyticsConfigurationResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/lifecycle/LifecycleTagPredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/lifecycle/LifecycleAndOperator.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/analytics/AnalyticsS3ExportFileFormat.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/analytics/StorageClassAnalysis.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/ListBucketAnalyticsConfigurationsResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/model/ListBucketMetricsConfigurationsResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationNAryOperator.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/StorageClassAnalysisSchemaVersion.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListBucketInventoryConfigurationsResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetBucketInventoryConfigurationResult.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventorySchedule.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsPrefixPredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryS3BucketDestination.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketMetricsConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetBucketMetricsConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteBucketMetricsConfigurationRequest.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetBucketMetricsConfigurationResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFilter.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/OwnerOverride.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketAnalyticsConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFilterPredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryPrefixPredicate.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsS3BucketDestination.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsFilterPredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteBucketInventoryConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListBucketInventoryConfigurationsRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryPredicateVisitor.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationFilterPredicate.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteBucketAnalyticsConfigurationResult.java
*
/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsNAryOperator.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecyclePrefixPredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsAndOperator.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/S3CredentialsProviderChain.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFormat.java
*
/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsTagPredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketInventoryConfigurationResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsPrefixPredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/CompleteMultipartDownload.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListBucketAnalyticsConfigurationsRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketInventoryConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsNAryOperator.java
*
/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteBucketMetricsConfigurationResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/RequestCopyUtils.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationAndOperator.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsFilterPredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsConfiguration.java
*
/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketAnalyticsConfigurationResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsTagPredicate.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationPrefixPredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListBucketMetricsConfigurationsRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryDestination.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryOptionalField.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleFilter.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleNAryOperator.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteBucketAnalyticsConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/AccessControlTranslation.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFrequency.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsFilter.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketMetricsConfigurationResult.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsPredicateVisitor.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetBucketAnalyticsConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsFilter.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsAndOperator.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationTagPredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryIncludedObjectVersions.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsPredicateVisitor.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/StorageClassAnalysisDataExport.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsExportDestination.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationPredicateVisitor.java
No license file was found, but licenses were detected in source scan.

/*

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/BucketVersioningConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/package-info.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/ObjectListing.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/S3VersionSummary.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetBucketCrossOriginConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetBucketLoggingConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetBucketVersioningConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetBucketLifecycleConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/S3ObjectSummary.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/GroupGrantee.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/DeleteVersionRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/MultiFactorAuthentication.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetBucketTaggingConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/MD5DigestCalculatingInputStream.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/Permission.java

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not
* use this file except in compliance with the License. A copy of the License is
* located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on
* an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/waiters/AmazonS3Waiters.java
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2016-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Portions copyright 2006-2009 James Murty. Please see LICENSE.txt
* for applicable license terms and NOTICE.txt for applicable notices.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
*  http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/SetObjectTaggingResponseHeaderHandler.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/GetObjectTaggingResponseHeaderHandler.java
No license file was found, but licenses were detected in source scan.

```
/*
```

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/PresignedUrlUploadRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/JSONInput.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/PresignedUrlDownloadRequest.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DefaultRetention.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetObjectLegalHoldResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEventVisitor.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetObjectLockConfigurationResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ObjectLockRule.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ParquetInput.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetObjectRetentionResult.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/ObjectLockRetentionXmlFactory.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/JSONOutput.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/PresignedUrlDownloadConfig.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ObjectLockRetention.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEventException.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/model/GetObjectLegalHoldRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEvent.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetObjectLockConfigurationResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/PresignedUrlDownloadResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/eventstreaming/MessageDecoder.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/PresignUrlDownloadCallable.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/UploadObjectStrategy.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetObjectRetentionRequest.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetObjectLockConfigurationRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ObjectLockMode.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ObjectLockLegalHold.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/Stats.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetObjectLockConfigurationRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/Progress.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/AbstractDownloadCallableConfig.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetObjectRetentionResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/XmlWriterUtils.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ObjectLockLegalHoldStatus.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/RequestProgress.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/PresignedUrlDownload.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/AbortableTransfer.java

*

/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/ObjectLockLegalHoldXmlFactory.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/PresignedUrlDownloadImpl.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/PresignedUrlUploadResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SelectRecordsInputStream.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/JSONType.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/ObjectLockConfigurationXmlFactory.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetObjectRetentionRequest.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEventStream.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/SelectObjectContentEventUnmarshaller.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ObjectLockRetentionMode.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ObjectLockEnabled.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ObjectLockConfiguration.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetObjectLegalHoldRequest.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CompressionType.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/AbstractDownloadCallable.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetObjectLegalHoldResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentRequest.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed

* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/GetBucketPolicyStatusStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/ReplicationRule.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/S3KeyFilter.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/GetS3AccountOwnerRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/QueueConfigurationStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/BucketNotificationConfigurationStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/LambdaConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/FilterStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/TransferCompletionFilter.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/StatsStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/ProgressStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/request/S3HandlerContextKeys.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/AbstractAmazonS3.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/GetBucketNotificationConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/GetBucketEncryptionStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/GetPublicAccessBlockStaxUnmarshaller.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/ServerSideEncryptionRuleStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetObjectAclRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/ReplicationRuleStatus.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/model/transform/FilterRuleStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/ServerSideEncryptionByDefaultStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SSEAlgorithm.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/BucketReplicationConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/S3KeyFilterStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/HeadBucketResultHandler.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/TopicConfigurationStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/NotificationConfigurationStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/GetBucketReplicationConfigurationRequest.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/exception/FileLockException.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/BucketAccelerateConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/CompleteMultipartUploadRetryablePredicate.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/Filter.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/CompleteMultipartUploadRetryCondition.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/ReplicationDestinationConfig.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketReplicationConfigurationRequest.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/FilterRule.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/HeadBucketResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/LambdaConfigurationStaxUnmarshaller.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetBucketAccelerateConfigurationRequest.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetBucketReplicationConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketVersioningConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketLifecycleConfigurationRequest.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketCrossOriginConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListNextBatchOfObjectsRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/DownloadTaskImpl.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListNextBatchOfVersionsRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketAccelerateConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketLoggingConfigurationRequest.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/DownloadCallable.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketTaggingConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/FileLocks.java
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/GetObjectAclRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/S3AccelerateUnsupported.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/ObjectTagging.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetObjectTaggingResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/ObjectTaggingXmlFactory.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/S3RequesterChargedHeaderHandler.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/Tag.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/GetObjectTaggingResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetObjectTaggingRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/DeleteObjectTaggingHeaderHandler.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/DeleteObjectTaggingRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/DeleteObjectTaggingResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/GetObjectTaggingRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/S3VersionResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/BucketAccelerateStatus.java
No license file was found, but licenses were detected in source scan.

*
*   http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/eventstreaming/Message.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/eventstreaming/HeaderValue.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/eventstreaming/Checksums.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/eventstreaming/Prelude.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/eventstreaming/HeaderType.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/eventstreaming/Utils.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/eventstreaming/Header.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
*   http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
/**
* Synchronous client for accessing Amazon S3.
*
* <h1>Appendix: Amazon S3 client-side encryption meta information</h1>
*
* <h2>Introduction</h2>
* <p>

* This appendix summarizes the current crypto related meta information
* associated with an S3 object encrypted using SDK client-side encryption. In
* SDK's terminology, these meta
 information are classified as "user metatdata".
* In general, the meta information is just a map of key/value pairs. Physically
* they are persisted either as metadata of the encrypted S3 object, or as a
* separate S3 object called an "instruction file" (which is just a JSON file in
* plaintext.) For all references to the Cipher Algorithm Names, Modes, and Padding,
* such as <code>"AES/CBC/PKCS5Padding"</code>, please refer to Oracle's <a
* href="http://docs.oracle.com/javase/7/docs/technotes/guides/security/StandardNames.html"
* >Java™ Cryptography Architecture Standard Algorithm Name Documentation
* for more details.
*
* <h2>S3 metadata vs instruction file</h2>
* <p>
* Note when a key/value pair is stored as "user metadata" as part of the S3
* metadata, the SDK always adds an additional prefix of x-amz-meta- to
* the key name. In contrast, the SDK doesn't add any prefix when the key names
* are stored in an instruction file. (The reason has to do
 with how the http
* headers are handled.)
*
* For example, x-amz-key would get stored as x-amz-meta-x-amz-key
* in S3 metadata. In contrast, x-amz-key would simply be stored as is
* (ie without the prefix) in an instruction file.
*
* All the keys described below are considered "user metadata" by the SDK.
*
* <h2>S3 v1 crypto meta information (supported by all SDK's)</h2>
* <p>
* For non-KMS client side encryption, this v1 crypto meta information is used
* to support the "Encryption Only" crypto mode (which involves the use of
* <code>AES/CBC/PKCS5Padding</code> for content encryption, and
* <code>AES/ECB</code> for encrypting the one-time randomly generated data
* key). For KMS client-side encryption, the v2 crypto meta information is used.
* <p>
* <table border=1>
* <tr aligned="left">
* <th>key</th>
* <th>description</th>
* </tr>
* <tr>
* <td width="200">x-amz-key</td>
* <td>Content encrypting key (cek) in encrypted form, base64
 encoded. The cek
* is randomly generated per S3 object, and is always an AES 256-bit key. The
* corresponding cipher is always "AES/CBC/PKCS5Padding".</td>
* </tr>

* <tr>
* <td>x-amz-iv</td>
* <td>Randomly generated IV (per S3 object), base64 encoded</td>
* </tr>
* <tr>
* <td>x-amz-matdesc </td>
* <td>Customer provided material description in JSON (UTF8) format. Used to
* identify the client-side master key (ie used to encrypt/wrap the generated
* content encrypting key).</td>
* </tr>
* <tr>
* <td>x-amz-unencrypted-content-length</td>
* <td>Unencrypted content length (optional but should be specified whenever
* possible).</td>
* </tr>
* </table>
*
* <h2>S3 v2 crypto meta information (currently supported by the Java SDK)</h2>
* <p>
* This v2 crypto meta information is used to support both authenticated
* encryption (which involves the use of <code>AES/GCM/NoPadding</code> for
* content encryption, and key wrapping for the one-time randomly
 generated data
* key), and KMS client-side encryption (which can either be encryption-only or
* authenticated encryption.)
* <p>
* <table border=1>
* <tr aligned="left">
* <th>key</th>
* <th>description</th>
* </tr>
* <tr>
* <td width="200">x-amz-key-v2</td>
* <td>CEK in key wrapped form. This is necessary so that the S3 encryption
* client that doesn't recognize the v2 format will not mistakenly decrypt S3
* object encrypted in v2 format.</td>
* </tr>
* <tr>
* <td>x-amz-iv</td>
* <td>Randomly generated IV (per S3 object), base64 encoded. (Same as v1.)</td>
* </tr>
* <tr>
* <td>x-amz-matdesc</td>
* <td>Customer provided material description in JSON format. (Same as v1). Used
* to identify the client-side master key.
*
* For KMS client side encryption, the KMS Customer Master Key ID is stored
* as part of the material description, x-amz-matdesc, under the key-name

* <code>"kms_cmk_id"</code>.
*
* </td>
* </tr>
 * <tr>
* <td>x-amz-unencrypted-content-length</td>
* <td>Unencrypted content length. (optional but should be specified whenever
* possible. Same as v1.)</td>
* </tr>
* <tr>
* <td>x-amz-wrap-alg</td>
* <td>Key wrapping algorithm used.
*
* Supported values:
* <code>"AESWrap", "RSA/ECB/OAEPWithSHA-256AndMGF1Padding", "kms"</code>
* No standard key wrapping is used if this meta information is absent
* Always set to "kms" if KMS is used for client-side encryption
*
* </td>
* </tr>
* <tr>
* <td>x-amz-cek-alg</td>
* <td>Content encryption algorithm used.
*
* Supported values:
* <code>"AES/GCM/NoPadding", "AES/CBC/PKCS5Padding"</code>
* Default to <code>"AES/CBC/PKCS5Padding"</code> if this key is absent.
*
* </td>
* </tr>
* <tr>
* <td>x-amz-tag-len</td>
* <td>Tag length (in bits) when AEAD is in use.
*
* Only applicable if AEAD is in use. This meta information
 is absent
* otherwise, or if KMS is in use.
* Supported value: <code>"128"</code>
*
* </td>
* </tr>
* </table>
* <p>
* <h3>KMS Integration for client-side encryption</h3>
*
* All client-side KMS protected S3 objects are stored in v2 crypto meta information
* format. However, the key wrapping algorithm, x-amz-wrap-alg is always
* set to "kms".

```
* <li>The KMS Customer Master Key ID is currently stored as part of the
* material description, <b>x-amz-matdesc</b>, under the key-name
* <b>"kms_cmk_id"</b>.</li>
* </ol>
* <p>
* <h4>Sample S3 crypto meta information for KMS client-side encryption</h4>
* <p>
* <h5>CryptoMode: Encryption Only</h5>
*
* <pre>
* x-amz-meta-x-amz-key-v2:
*
CiAJ2GqwpJRnt4izujwoalC2YdNRNSMEslG5rw3pEI+J8hKnAQEBAwB4CdhqsKSUZ7eIs7o8KGpQtmHTUTUj
BLJRua8N6RCPifIAAAB+MHwGCSqGSIb3DQEHBqBvMG0CAQAwaAYJKoZIhvcNAQcBMB4GCWCGSAFl
AwQBLjARBAyD0rzN3KHViWixDVcCARCAOwhZ6xA8rob3Z0mNx3uKFieHKVyIC/PKlchALvG1oVLnf86m
cZJNpTXtwMkKkDocVj3Z1zGjZTufFsOH
 * x-amz-iv: xqOHh+M6y0UogwG5SHJM3Q==
* x-amz-unencrypted-content-length: 32768
* x-amz-cek-alg: AES/CBC/PKCS5Padding
* x-amz-wrap-alg: kms
* x-amz-matdesc: {"kms_cmk_id":"d3fd2273-4ca0-4da5-b1c2-c89742ec6a26"}
* </pre>
*
* <h5>CryptoMode: Authenticated Encryption</h5>
*
* <pre>
* x-amz-key-v2:
CiAJ2GqwpJRnt4izujwoalC2YdNRNSMEslG5rw3pEI+J8hKnAQEBAwB4CdhqsKSUZ7eIs7o8KGpQtmHTUTUj
BLJRua8N6RCPifIAAAB+MHwGCSqGSIb3DQEHBqBvMG0CAQAwaAYJKoZIhvcNAQcBMB4GCWCGSAFl
AwQBLjARBAytFVyW4I6QmwcPK1ECARCAO1VzoM6KxA9DHyNMm/BEbbjle2vLA7IY7f9OkUoSqrdxgKxp
NID9QaL/7928m1Djtld0bJpHefjm89C
* x-amz-iv: VZBksyij6DhrUMye
* x-amz-unencrypted-content-length: 32768
* x-amz-cek-alg: AES/GCM/NoPadding
* x-amz-wrap-alg: kms
* x-amz-matdesc: {"kms_cmk_id":"d3fd2273-4ca0-4da5-b1c2-c89742ec6a26"}
* x-amz-tag-len: 128
* </pre>
*
* <h2>S3 metadata of an instruction file</h2>
* <p>
* The following key is always included as part of the S3 metadata of the
* instruction
 file (which is just an S3 object). Since the SDK treats this key
* as "user metadata", the key name is always prefixed with <b>x-amz-meta-</b>
* when physically stored.
* <p>
* <table border=1>
```

```
* <tr aligned="left">
* <th>key</th>
* <th>description</th>
* </tr>
* <tr>
* <td width="200"><b>x-amz-crypto-instr-file</b></td>
* <td>the presence of this key is used to indicate this S3 object is an
* instruction file (of an associated client-side encrypted S3 object).</td>
* </tr>
* </table>
*/
```

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/package-info.java
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2012-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
*  http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/Download.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/iterable/S3Versions.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/iterable/S3Objects.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/DownloadImpl.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/StaticEncryptionMaterialsProvider.java
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2020-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
```

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/future/CompletedFuture.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/future/FailedFuture.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/future/FutureImpl.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/future/CompositeFuture.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/future/DelegatingFuture.java
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/KMSEncryptionMaterials.java
No license file was found, but licenses were detected in source scan.

/*

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/ContentCryptoScheme.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/S3CryptoModuleBase.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/AesGcm.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/PersistableTransfer.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/exception/PauseException.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/PersistableUpload.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/CipherLiteInputStream.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/RenewableCipherLiteInputStream.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/CryptoModuleDispatcher.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/AesCtr.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/CipherLite.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/AmazonS3EncryptionClient.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/CryptoRuntime.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/crypto/MultipartUploadCryptoContext.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/PauseStatus.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/internal/AWSS3V4Signer.java

*

/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/DigestValidationInputStream.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/S3CryptoModuleAE.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CryptoMode.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/AmazonS3Encryption.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/MultipartUploadCbcContext.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/GCMCipherLite.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/S3CryptoModule.java

*

/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/S3CryptoScheme.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/S3ProgressPublisher.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/S3CryptoModuleAEStrict.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/S3KeyWrapScheme.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/AesCbc.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/S3ProgressListener.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/ContentCryptoMaterial.java

*

/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/S3ProgressListenerChain.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/S3CryptoModuleEO.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/S3ObjectWrapper.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/PersistableDownload.java

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License").

* You may not use this file except in compliance with the License.

* A copy of the License is located at

```
*
*  http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
/**
  * Gets the optional <code>versionIdMarker</code> parameter indicating where in the
  * sorted list of all versions in the specified bucket to begin returning
  * results. Results are always ordered first lexicographically (i.e.
  * alphabetically) and then from most recent version to least recent
  * version.
  * <p>

  * A key marker must be specified when specifying a <code>versionIdMarker</code>.
  * Results begin immediately after the version with the specified key and
  * version ID.
  * </p>
  *
  * @return The optional <code>versionIdMarker</code> parameter indicating where in the
  *         sorted list of all versions in the specified bucket to begin
  *         returning results.
  *
  * @see ListVersionsRequest#setVersionIdMarker(String)
  * @see ListVersionsRequest#withVersionIdMarker(String)
  */
```

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListVersionsRequest.java
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2011-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/
```

Found in path(s):

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/UploadMonitor.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ResponseHeaderOverrides.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/HeaderHandler.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/MultiObjectDeleteException.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteObjectsResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/ObjectRestoreResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/ObjectExpirationResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetBucketNotificationConfigurationRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/ServerSideEncryptionHeaderHandler.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CopyPartRequest.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyMonitor.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/TransferMonitor.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/DeleteObjectsResponse.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/BucketCrossOriginConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GenericBucketRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/ServerSideEncryptionResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CopyPartResult.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/BucketLifecycleConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/ResponseHeaderHandlerChain.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CORSRule.java
No license file was found, but licenses were detected in source scan.

/*

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/RestoreObjectRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/RestoreRequestType.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/S3RestoreOutputPathHeaderHandler.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetBucketPolicyStatusResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/UploadPartRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/RegionalEndpointsOptionResolver.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/Headers.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/EncryptionMaterials.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/Encryption.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/S3AccessPointResource.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/MultipartUpload.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/ObjectRestoreHeaderHandler.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/MultipartUploadListing.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/UploadPartResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/S3ResponseMetadata.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/transfer/internal/UploadPartCallable.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/InitiateMultipartUploadRequest.java

*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/S3RequestEndpointResolver.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ProgressListener.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/auth/AwsChunkedEncodingInputStream.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/ObjectExpirationHeaderHandler.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/MultiObjectDeleteXmlFactory.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/UseArnRegionResolver.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/HeadBucketRequest.java

*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/package-info.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/LifecyclePredicateVisitorImpl.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/AmazonS3Exception.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/model/CopyResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/Region.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/AmazonS3.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/TransferManager.java

*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/S3V4AuthErrorRetryStrategy.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CopyObjectResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetRequestPaymentConfigurationRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/ObjectMetadataProvider.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/Constants.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/auth/policy/conditions/S3ConditionFactory.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/PartListing.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/TransferProgress.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ProgressEvent.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ReplicationTimeValue.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/IllegalBucketNameException.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/auth/policy/resources/S3ObjectResource.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/ReplicationPredicateVisitorImpl.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/TransferManagerConfiguration.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListBucketsRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/S3Signer.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/IsSigV4RetryablePredicate.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/Upload.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/TransferProgressUpdatingListener.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/Copy.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListMultipartUploadsRequest.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/S3RestoreOutputPathResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CSVInput.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CompleteMultipartUploadRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/Unmarshallers.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/MetadataEntry.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/AbstractSSEHandler.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/LegacyS3ProgressListener.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/S3ResourceType.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/MetricsStatus.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/AbortMultipartUploadRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/S3Resource.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/BucketConfigurationXmlFactoryFunctions.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CreateBucketRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CopyObjectRequest.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/GetObjectMetadataRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/InitiateMultipartUploadResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListObjectsRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/OutputLocation.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/ObjectTaggingProvider.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetPublicAccessBlockRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/DualstackEndpointBuilder.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/EncryptionMaterialsAccessor.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ReplicationTime.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ListPartsRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/S3ArnConverter.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/PartETag.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/InputSerialization.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/BucketNameUtils.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyPartRequestFactory.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/PutObjectResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/model/GetPublicAccessBlockRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/OutputSerialization.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/auth/policy/resources/S3BucketResource.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/ReplicationTimeStatus.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/MetadataDirective.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/DeletePublicAccessBlockRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/CSVOutput.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/Metrics.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/CompleteMultipartUploadResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/CryptoConfiguration.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/VersionListing.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/MetricsPredicateVisitorImpl.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/DeletePublicAccessBlockResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/RequestPaymentConfigurationXmlFactory.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/CopyCallable.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/S3XmlResponseHandler.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/FileHeaderInfo.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/GetPublicAccessBlockResult.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/AbstractHandler.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/RequestXmlFactory.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/metrics/S3ServiceMetric.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/AnalyticsPredicateVisitorImpl.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/S3ErrorResponseHandler.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/UploadPartRequestFactory.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/PartSummary.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/AdjustedRangeInputStream.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/StorageClass.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/PublicAccessBlockConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SetPublicAccessBlockResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/QuoteFields.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/S3MetadataResponseHandler.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/SSEResultBase.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/SelectParameters.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/BucketConfigurationXmlFactory.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CryptoStorageMode.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/DeleteObjectsRequest.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/S3Location.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/model/UploadResult.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/UploadContext.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CannedAccessControlList.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/ExpressionType.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/S3ObjectResource.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/Transfer.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/crypto/JceEncryptionConstants.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/internal/S3QueryStringSigner.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/GeneratePresignedUrlRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/XmlWriter.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/TransferManagerUtils.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/DeleteObjectRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/ObjectMetadata.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/CompleteMultipartCopy.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/S3ClientOptions.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/SetRequestPaymentConfigurationRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/S3BucketResource.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/GetBucketPolicyStatusRequest.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/S3ObjectResponseHandler.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/S3VersionHeaderHandler.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/CopyPartCallable.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/UploadImpl.java

*

 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/transfer/internal/CompleteMultipartUpload.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/transform/AclXmlFactory.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/InputSubstream.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/internal/AbstractS3ResponseHandler.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/RestoreObjectResult.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/PolicyStatus.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-
jar/com/amazonaws/services/s3/model/GetObjectRequest.java

*

/opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyImpl.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/auth/policy/actions/S3Actions.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/UploadCallable.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2019-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/transfer/internal/PresignedUrlRetryableDownloadTaskImpl.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not
* use this file except in compliance with the License. A copy of the License is
* located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on
* an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/waiters/HeadBucketFunction.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/waiters/HeadObjectFunction.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Portions copyright 2006-2009 James Murty. Please see LICENSE.txt
* for applicable license terms and NOTICE.txt for applicable notices.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/Bucket.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/ServiceUtils.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/Owner.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/Grant.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/RepeatableFileInputStream.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/Mimetypes.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/transform/XmlResponsesSaxParser.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/RestUtils.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/TagSet.java
*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/EmailAddressGrantee.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/BucketPolicy.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/BucketTaggingConfiguration.java
* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-

jar/com/amazonaws/services/s3/model/RequestPaymentConfiguration.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/AccessControlList.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/BucketLoggingConfiguration.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/RepeatableInputStream.java

*
 /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/internal/S3StringResponseHandler.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/Grantee.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/CanonicalGrantee.java

* /opt/cola/permits/1294100573_1649201962.93/0/aws-java-sdk-s3-1-11-820-sources-jar/com/amazonaws/services/s3/model/BucketNotificationConfiguration.java

1.161 aws-sdk-for-java-core 1.11.820

1.161.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Licensed to the Apache Software Foundation (ASF) under one or more

* contributor license agreements. See the NOTICE file distributed with

* this work for additional information regarding copyright ownership.

* The ASF licenses this file to You under the Apache License, Version 2.0

* (the "License"); you may not use this file except in compliance with

* the License. You may obtain a copy of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/log/InternalLogApi.java

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2016-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.

*

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/http/CompositeErrorCodeParser.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/http/IonErrorCodeParser.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/http/ErrorCodeParser.java
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/auth/DefaultSignerProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/auth/SignerProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/adapters/types/StringToInputStreamAdapter.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/auth/NoOpSignerProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-

jar/com/amazonaws/adapters/types/TypeAdapter.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/auth/SignerProviderContext.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/adapters/types/StringToByteBufferAdapter.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/MetadataCache.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/NullResponseMetadataCache.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2014-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/http/conn/ssl/TLSProtocol.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/http/conn/ssl/SdkTLSSocketFactory.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
*   http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/SignerAsRequestSigner.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/RequestSigner.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/ImmutableRequest.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2020-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/RegionFromEndpointResolverAwareSigner.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/MetadataSupportedRegionFromEndpointProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/endpoint/DefaultRegionFromEndpointResolver.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/endpoint/RegionFromEndpointResolver.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2019-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the

* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkRequestRetryHeaderProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/ClockSkewAdjuster.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2012-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance with
* the License. A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions
* and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/annotation/SdkProtectedApi.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/annotation/GuardedBy.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/annotation/ThreadSafe.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/annotation/Beta.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/annotation/SdkTestInternalApi.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/annotation/Immutable.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/annotation/SdkInternalApi.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/annotation/NotThreadSafe.java
No license file was found, but licenses were detected in source scan.

/*

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/client/ClientExecutionTimeoutException.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/log/CommonsLogFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/http/JsonErrorCodeParser.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/log/JulLog.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/handlers/HandlerContextKey.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/request/HttpRequestAbortTask.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/SignableRequest.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/request/HttpRequestAbortTaskImpl.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/log/CommonsLog.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/conn/ssl/privileged/PrivilegedMasterSecretValidator.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/request/HttpRequestAbortTaskTracker.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/client/NoOpClientExecutionAbortTrackerTask.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/ValidationUtils.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/request/HttpRequestTimer.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/NumberUtils.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-

jar/com/amazonaws/internal/SdkSSLMetricsSocket.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/http/JsonErrorMessageParser.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/exception/HttpRequestTimeoutException.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkInternalList.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/request/HttpRequestAbortTaskTrackerImpl.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkInternalMap.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/JsonErrorResponseHandler.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/client/HttpClientFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/ReadLimitInfo.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/handlers/StackedRequestHandler.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/request/NoOpHttpRequestAbortTaskTracker.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/JsonErrorUnmarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/log/JulLogFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/DnsResolver.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/SDKGlobalTime.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/client/ConnectionManagerFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/log/InternalLog.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/client/ClientExecutionAbortTrackerTaskImpl.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/SystemDefaultDnsResolver.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/Base16Lower.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/SdkThreadLocals.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/UriResourcePathUtils.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/settings/HttpClientSettings.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/ComparableUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/conn/SdkConnectionKeepAliveStrategy.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/conn/ssl/MasterSecretValidators.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/PredefinedClientConfigurations.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/client/ClientExecutionAbortTask.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/DelegatingDnsResolver.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/SdkHttpUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/TimeoutThreadPoolBuilder.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/client/ClientExecutionAbortTaskImpl.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/JavaVersionParser.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkMetricsSocket.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkThreadLocalsRegistry.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/client/ClientExecutionAbortTrackerTask.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/client/ClientExecutionTimer.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/DelegateSocket.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/DelegateInputStream.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkIOUtils.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2018-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*

* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/PolicyUtils.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/metrics/package-info.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/metrics/ServiceMetricType.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/handlers/AbstractRequestHandler.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/PropertiesFileCredentialsProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/SignerParams.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryRefreshCache.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/metrics/MetricCollector.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/transform/MapEntry.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/http/conn/ClientConnectionManagerFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/monitoring/internal/AsynchronousAgentDispatcher.java

*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/endpointdiscovery/DefaultEndpointDiscoveryProviderChain.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/package-info.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/arn/ArnResource.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/DefaultServiceEndpointBuilder.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/MetricInputStreamEntity.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/SystemPropertyTlsKeyManagersProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/AmazonWebServiceClient.java
*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/actions/package-info.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/RequestMetricType.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/MetricType.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/MaxAttemptsRetryStrategy.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/SimpleServiceMetricType.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/ResponseMetadataCache.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/BasicAWSCredentials.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryProvider.java
*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/internal/AuthErrorRetryStrategy.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/Signer.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/internal/AgentMonitoringListener.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/NoOpWaiterHandler.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/conn/Wrapped.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/WaiterUnrecoverableException.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/config/HostRegexToRegionMappingJsonHelper.java
*

/opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/SignerTypeAware.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/TlsKeyManagersProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/internal/ServiceMetricTypeGuesser.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/HttpMethod.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/SDKGlobalConfiguration.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/ByteThroughputHelper.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/Resource.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/handlers/HandlerAfterAttemptContext.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/event/ProgressListener.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/PollingStrategy.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/AmazonHttpClient.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/AmazonWebServiceRequest.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkPredicate.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/internal/JsonPolicyReader.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/ApiCallMonitoringEvent.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/conditions/NumericCondition.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/CollectionUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/ApiMonitoringEvent.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/XpathUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/endpointdiscovery/EnvironmentVariableEndpointDiscoveryProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/client/builder/AdvancedConfig.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/config/HttpClientConfig.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/endpointdiscovery/DaemonThreadFactory.java

*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/conditions/DateCondition.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/handlers/HandlerBeforeAttemptContext.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/AWSRequestMetrics.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/AWS3Signer.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/arn/ArnConverter.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/AbstractAWSSigner.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/cache/EndpointDiscoveryCacheLoader.java
*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/config/InternalConfigJsonHelper.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/config/HostRegexToRegionMapping.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/WaiterExecutionBuilder.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/Statement.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/AWSServiceMetrics.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/Principal.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/resources/package-info.java
*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/SimpleTypeStaxUnmarshallers.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/AbstractFileTlsKeyManagersProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/CountingInputStream.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/conditions/IpAddressCondition.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryIdentifiersRefreshCache.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/DefaultCsmConfigurationProviderChain.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/FileStoreTlsKeyManagersProvider.java
*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/SdkFunction.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/MonitoringListener.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/Presigner.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/AmazonServiceException.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/endpointdiscovery/SystemPropertyEndpointDiscoveryProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/AWSRequestMetricsFullSupport.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/Request.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/ApacheHttpClientConfig.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/AWS4UnsignedPayloadSigner.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/arn/Arn.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/CsmConfiguration.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/HttpFailureStatusAcceptor.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/handlers/CredentialsRequestHandler.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/apache/request/impl/HttpGetWithBody.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/DefaultErrorResponseHandler.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/internal/AuthRetryParameters.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/endpointdiscovery/AwsProfileEndpointDiscoveryProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/WebIdentityTokenCredentialsProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/ProxyAuthenticationMethod.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/RetryPolicy.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/PredefinedRetryPolicies.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/conditions/ConditionFactory.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/RequestMetricCollector.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-

jar/com/amazonaws/http/apache/utils/HttpContextUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/HttpResponseHandler.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/Condition.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/SignerFactory.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/event/ProgressEvent.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/internal/ClientSideMonitoringRequestHandler.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/VoidJsonUnmarshaller.java

*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/VersionInfoUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/WaiterState.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/AwsClientSideMonitoringMetrics.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/Marshaller.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/internal/MaxAttemptsResolver.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/handlers/RequestHandler2.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/AnonymousAWSCredentials.java

*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/conn/ClientConnectionRequestFactory.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/handlers/HandlerChainFactory.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/internal/JsonPolicyWriter.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/HttpResponse.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/SimpleTypeJsonUnmarshallers.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/config/EndpointDiscoveryConfig.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/CsmConfigurationProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/EnvironmentVariableCsmConfigurationProvider.java

*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/FixedDelayStrategy.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/WaiterBuilder.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/DefaultRequest.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/conditions/package-info.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/StandardErrorUnmarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/protocol/SdkHttpRequestExecutor.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/conditions/StringCondition.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/ApiCallAttemptMonitoringEvent.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/ServiceEndpointBuilder.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/conditions/ArnCondition.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/SimpleMetricType.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryProviderChain.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/VoidStaxUnmarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/StaticCsmConfigurationProvider.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/JsonUnmarshallerContextImpl.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/PropertiesCredentials.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/ProfileCsmConfigurationProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/cache/KeyConverter.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/NoneTlsKeyManagersProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/StringUtils.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/StructuredJsonMarshaller.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/RepeatableInputStreamRequestEntity.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/TimestampFormat.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-

jar/com/amazonaws/waiters/WaiterHandler.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/ServiceLatencyProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/impl/client/SdkHttpRequestRetryHandler.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/internal/JsonDocumentFields.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/WaiterTimedOutException.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/MonitoringEvent.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/Action.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/PollingStrategyContext.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/WaiterAcceptor.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/Policy.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/config/HttpClientConfigJsonHelper.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/SystemPropertyCsmConfigurationProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/handlers/RequestHandler.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/RuntimeHttpUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/ByteThroughputProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/conditions/BooleanCondition.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/StaxResponseHandler.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/WaiterImpl.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/cache/CacheLoader.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/monitoring/CsmConfigurationProviderChain.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/NoOpSigner.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/HttpSuccessStatusAcceptor.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/CRC32ChecksumCalculatingInputStream.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/ThroughputMetricType.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/StaxUnmarshallerContext.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/IdentityEndpointBuilder.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/policy/PolicyReaderOptions.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/internal/RetryModeResolver.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/profile/internal/BasicProfileConfigFileLoader.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/cache/Cache.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/ResponseMetadata.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/QueryStringSigner.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/RetryUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/conn/SdkPlainSocketFactory.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/Response.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/SimpleThroughputMetricType.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/arn/AwsResource.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/event/ProgressListenerChain.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/JsonUnmarshallerContext.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/WaiterExecution.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/ServiceMetricCollector.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/impl/client/HttpRequestNoRetryHandler.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/AcceptorPathMatcher.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/WaiterParameters.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/AwsSdkMetrics.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-

jar/com/amazonaws/waiters/Waiter.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/NamespaceRemovingInputStream.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/ServiceNameFactory.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/endpointdiscovery/Constants.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/config/InternalConfig.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/MetricFilterInputStream.java

*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/ClientConfiguration.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/AmazonWebServiceResponse.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/handlers/RequestHandler2Adaptor.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/CompositeAcceptor.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/event/ProgressEventType.java

No license file was found, but licenses were detected in source scan.

/*

* Copyright (c) 2016. Amazon.com, Inc. or its affiliates. All Rights Reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License").

* You may not use this file except in compliance with the License.

* A copy of the License is located at

*

* http://aws.amazon.com/apache2.0

*

* or in the "license" file accompanying this file. This file is distributed

* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either

* express or implied. See the License for the specific language governing

* permissions and limitations under the License.

*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/conn/ssl/ShouldClearSslSessionPredicate.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/CapacityManager.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/IdempotentUtils.java

*

/opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/handlers/IRequestHandler2.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/DateTimeJsonSerializer.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/CanHandleNullCredentials.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/apache/client/impl/ApacheConnectionManagerFactory.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/FakeIOException.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/apache/client/impl/ApacheHttpClientFactory.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/SdkStructuredJsonFactory.java

*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/package-info.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/apache/client/impl/SdkHttpClient.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/log/InternalLogFactory.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/apache/client/impl/ConnectionManagerAwareHttpClient.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
/**
* Interface for providing AWS region information. Implementations are free to use any strategy for
* providing region information.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/AwsRegionProvider.java

No license file was found, but licenses were detected in source scan.

/*
*
* Copyright (c) 2016 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/json/SdkStructuredCborFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/json/SdkJsonProtocolFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/json/StructuredJsonGenerator.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/http/JsonResponseHandler.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/json/SdkCborGenerator.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/json/SdkStructuredPlainJsonFactory.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.

*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/ClassLoaderHelper.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/ServiceClientHolderInputStream.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/BasicSessionCredentials.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/MetricAdmin.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/jmx/spi/JmxInfoProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/AWSSessionCredentials.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/metrics/MetricAdminMBean.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/json/Jackson.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/jmx/JmxInfoProviderSupport.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/RequestClientOptions.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/jmx/spi/SdkMBeanRegistry.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/AWSSessionCredentialsProvider.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2019-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-

jar/com/amazonaws/util/NamedDefaultThreadFactory.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/waiters/WaiterExecutorServiceFactory.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/ImmutableMapParameter.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/config/SignerConfigJsonHelper.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/config/JsonIndex.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/config/SignerConfig.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/config/Builder.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/Protocol.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights
* Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is
* distributed

Found in path(s):

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/CredentialUtils.java

No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/ReflectionMethodInvoker.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/transform/EnhancedJsonErrorUnmarshaller.java

No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/StaticCredentialsProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/profile/path/cred/CredentialsLegacyConfigLocationProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/v2/RetryOnExceptionsCondition.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/SdkClientException.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/internal/JsonMarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/ListUnmarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/v2/BackoffStrategy.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/SdkBaseException.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/TimingInfoFullSupport.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/client/builder/AwsAsyncClientBuilder.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/TimingInfoUnmodifiable.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/AwsSystemPropertyRegionProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/internal/SimpleTypeJsonMarshallers.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/v2/MaxNumberOfRetriesCondition.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/AwsProfileRegionProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/JsonProtocolMarshallerBuilder.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/StringInputStream.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/internal/QueryParamMarshallers.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/AWSRefreshableSessionCredentials.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/client/builder/ExecutorFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/timers/client/SdkInterruptedException.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-

jar/com/amazonaws/http/request/HttpRequestFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/AwsErrorResponseHandler.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/client/ClientHandlerParams.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/JsonErrorShapeMetadata.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/SdkClock.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/v2/RetryOnStatusCodeCondition.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/v2/SimpleRetryPolicy.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/profile/path/cred/CredentialsEnvVarOverrideLocationProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/v2/FixedDelayBackoffStrategy.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/AmazonWebServiceRequestAdapter.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/OperationInfo.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/profile/internal/BasicProfile.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/client/ClientHandler.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/DefaultAwsRegionProviderChain.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/MarshallingType.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/profile/path/AwsProfileFileLocationProviderChain.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/V2CompatibleBackoffStrategy.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/v2/AndRetryCondition.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/response/AwsResponseHandlerAdapter.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/profile/internal/AllProfiles.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/MarshallLocation.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/MarshallingInfo.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/ExecutionContext.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/presign/PresignerFacade.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/profile/path/config/SharedConfigDefaultLocationProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/AwsRegionProviderChain.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/AbstractErrorUnmarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/client/AwsAsyncClientParams.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkFunction.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/internal/MarshallerRegistry.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/DefaultMarshallingType.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/TimingInfo.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/presign/PresignerParams.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/v2/RetryPolicy.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/AwsEnvVarOverrideRegionProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/profile/internal/ProfileAssumeRoleCredentialsProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/PathMarshallers.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/internal/NullAsEmptyBodyProtocolRequestMarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/Protocol.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/StaticSignerProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/internal/SimpleTypePathMarshallers.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/MapUnmarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/client/builder/AwsSyncClientBuilder.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/internal/ValueToStringConverters.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/JsonClientMetadata.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-

jar/com/amazonaws/profile/path/cred/CredentialsDefaultLocationProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/DefaultValueSupplier.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/json/internal/JsonMarshallerContext.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/regions/InstanceMetadataRegionProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/profile/path/config/ConfigEnvVarOverrideLocationProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/ProtocolRequestMarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/client/ClientHandlerImpl.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/XMLWriter.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/StructuredPojo.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/profile/internal/ProfileKeyConstants.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/json/SdkStructuredJsonFactoryImpl.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/json/JsonContentTypeResolver.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/RequestConfig.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/regions/EndpointToRegion.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/json/SdkJsonGenerator.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/profile/internal/ProfileStaticCredentialsProvider.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/json/JsonErrorResponseMetadata.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/profile/internal/AwsProfileNameLoader.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/retry/v2/RetryPolicyContext.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/protocol/ProtocolMarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/retry/v2/RetryCondition.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/profile/path/AwsDirectoryBasePathProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/http/SdkHttpMetadata.java

*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/SdkJsonMarshallerFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/client/builder/AwsClientBuilder.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/client/AwsSyncClientParams.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/profile/path/AwsProfileFileLocationProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/ClientConfigurationFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/v2/OrRetryCondition.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/V2CompatibleBackoffStrategyAdapter.java
*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/AWSStaticCredentialsProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/client/ClientExecutionParams.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/JsonContent.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/internal/HeaderMarshallers.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/JsonOperationMetadata.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/AmazonWebServiceResult.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/PredefinedBackoffStrategies.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/RetryPolicyAdapter.java
*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/JsonContentTypeResolverImpl.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2013-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the

* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/regions/Regions.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/regions/ServiceAbbreviations.java
No license file was found, but licenses were detected in source scan.

/**
* Copyright 2016-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
* <p/>
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance
with
* the License. A copy of the License is located at
* <p/>
* http://aws.amazon.com/apache2.0
* <p/>
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/partitions/model/Partitions.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkSSLContext.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/annotation/package-info.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2012-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/EC2MetadataClient.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/InstanceProfileCredentialsProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/AwsHostNameUtils.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/AWSCredentialsProviderChain.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/DefaultAWSCredentialsProviderChain.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/DynamoDBBackoffStrategy.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/EnvironmentVariableCredentialsProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/SystemPropertiesCredentialsProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/CustomBackoffStrategy.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/IdleConnectionReaper.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/ClasspathPropertiesFileCredentialsProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/HandlerContextAware.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/CRC32MismatchException.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
/**
* Interface for providing AWS credentials. Implementations are free to use any
* strategy for providing AWS credentials, such as simply providing static
* credentials that don't change, or more complicated implementations, such as
* integrating with existing key management systems.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/AWSCredentialsProvider.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (c) 2016-2019. Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/apache/utils/ApacheUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/apache/request/impl/ApacheHttpRequestFactory.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2013-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/Base32.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/Base16.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/SdkRuntime.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/EC2MetadataUtils.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/HttpClientWrappingInputStream.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkDigestInputStream.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/Base64Codec.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/ListWithAutoConstructFlag.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/Base64.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/Codec.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/RegionMetadataParser.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/IOUtils.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/Throwables.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/AbortedException.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/ServiceAwareSigner.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/RegionUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/MetricAware.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/EncodingSchemeEnum.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/AbstractBase32Codec.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkFilterInputStream.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkFilterOutputStream.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/jmx/SdkMBeanRegistrySupport.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/jmx/MBeans.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/RegionAwareSigner.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/ResetException.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/RegionMetadata.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkBufferedInputStream.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/CodecUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/EncodingScheme.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/Base32Codec.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/Base16Codec.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/Region.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/MetricsInputStream.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/AWS4Signer.java

No license file was found, but licenses were detected in source scan.

/*
 * ==

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/BasicNameValuePair.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/URLEncodedUtils.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/NameValuePair.java
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/event/DeliveryMode.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/Platform.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/profile/internal/ProfileProcessCredentialsProvider.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/LengthCheckInputStream.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/internal/SignerConstants.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/event/RequestProgressInputStream.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/profile/ProfileCredentialsProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/profile/package-info.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/profile/internal/securitytoken/STSProfileCredentialsServiceProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/profile/internal/AbstractProfilesConfigFileScanner.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/profile/internal/Profile.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/profile/internal/BasicProfileConfigLoader.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/FIFOCache.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/internal/AWS4SignerUtils.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/event/ProgressInputStream.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/SdkSocket.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/SdkSSLSocket.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/internal/AWS4SignerRequestParams.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/Releasable.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/DelegateSSLSocket.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/event/SyncProgressListener.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-

jar/com/amazonaws/auth/profile/internal/securitytoken/RoleInfo.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/event/ResponseProgressInputStream.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/internal/SignerKey.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/profile/internal/securitytoken/STSProfileCredentialsServiceLoader.java

*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/UnreliableFilterInputStream.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/event/ProgressEventFilter.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/ProcessCredentialsProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/UnreliableTestConfig.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/profile/ProfilesConfigFileWriter.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/event/SDKProgressPublisher.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/event/ProgressTracker.java

*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/BoundedLinkedHashMap.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/profile/internal/securitytoken/ProfileCredentialsService.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/event/request/Progress.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/profile/ProfilesConfigFile.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/event/request/ProgressSupport.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/SdkInputStream.java

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2012-2020 Amazon Technologies, Inc.
*
* Portions copyright 2006-2009 James Murty. Please see LICENSE.txt
* for applicable license terms and NOTICE.txt for applicable notices.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*    http://aws.amazon.com/apache2.0
```

*

* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES

* OR CONDITIONS OF ANY KIND, either express or implied. See the

* License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/Md5Utils.java

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2014-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License").

* You may not use this file except in compliance with the License.

* A copy of the License is located at

*

* http://aws.amazon.com/apache2.0

*

* or in the "license" file accompanying this file. This file is distributed

* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either

* express or implied. See the License for the specific language governing

* permissions and limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/JodaTime.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/util/StringMapBuilder.java

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at:

*

*   http://aws.amazon.com/apache2.0

*

* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES

* OR CONDITIONS OF ANY KIND, either express or implied. See the

* License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/EndpointPrefixAwareSigner.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/internal/CredentialsEndpointRetryPolicy.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/EC2ResourceFetcher.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/ContainerCredentialsRetryPolicy.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/ConnectionUtils.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/CredentialsEndpointProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/RetryMode.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/BaseCredentialsFetcher.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/EC2ContainerCredentialsProviderWrapper.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/ContainerCredentialsProvider.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/retry/internal/CredentialsEndpointRetryParameters.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/InstanceMetadataServiceCredentialsFetcher.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/internal/InstanceMetadataServiceResourceFetcher.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/auth/ContainerCredentialsFetcher.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2012-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/handlers/AsyncHandler.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/http/HttpMethodName.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/AWSCredentials.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/SigningAlgorithm.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/XmlUtils.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/transform/Unmarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/transform/VoidUnmarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/transform/LegacyErrorUnmarshaller.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/auth/SignatureVersion.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/AmazonClientException.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/transform/SimpleTypeUnmarshallers.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*

* Portions copyright 2006-2009 James Murty. Please see LICENSE.txt

* for applicable license terms and NOTICE.txt for applicable notices.

*

* Licensed under the Apache License, Version 2.0 (the "License").

* You may not use this file except in compliance with the License.

* A copy of the License is located at

*

* http://aws.amazon.com/apache2.0

*

* or in the "license" file accompanying this file. This file is distributed

* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either

* express or implied. See the License for the specific language governing

* permissions and limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/BinaryUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/Classes.java

*

 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/util/DateUtils.java

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2014-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.

*

* Portions copyright 2006-2009 James Murty. Please see LICENSE.txt

* for applicable license terms and NOTICE.txt for applicable notices.

*

* Licensed under the Apache License, Version 2.0 (the "License").

* You may not use this file except in compliance with the License.

* A copy of the License is located at

*

* http://aws.amazon.com/apache2.0

*

* or in the "license" file accompanying this file. This file is distributed

* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either

* express or implied. See the License for the specific language governing

* permissions and limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/ReleasableInputStream.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-
jar/com/amazonaws/internal/ResettableInputStream.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is divalibuted
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/internal/JsonProtocolMarshaller.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2016-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/partitions/model/Region.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/RegionMetadataFactory.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/partitions/PartitionMetadataProvider.java
*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/RegionMetadataProvider.java
* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-

jar/com/amazonaws/protocol/json/SdkIonGenerator.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/partitions/model/Partition.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/LegacyRegionXmlLoadUtils.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/LegacyRegionXmlMetadataBuilder.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/partitions/model/CredentialScope.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/RegionImpl.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/apache/SdkProxyRoutePlanner.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/AbstractRegionMetadataProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/InMemoryRegionsProvider.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/partitions/PartitionRegionImpl.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/SimpleTypeCborUnmarshallers.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/partitions/model/Service.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/SdkStructuredIonFactory.java

*
 /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/partitions/PartitionsLoader.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/regions/InMemoryRegionImpl.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/partitions/model/Endpoint.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/http/apache/client/impl/CRC32ChecksumResponseInterceptor.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not
* use this file except in compliance with the License. A copy of the License is
* located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on
* an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either

* express or implied. See the License for the specific language governing

* permissions and limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/IonFactory.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/transform/SimpleTypeIonUnmarshallers.java

* /opt/cola/permits/1294102145_1649200952.28/0/aws-java-sdk-core-1-11-820-sources-jar/com/amazonaws/protocol/json/IonParser.java

1.162 cloudwatch-metrics-for-aws-java-sdk 1.11.820

1.162.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2014-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License").

* You may not use this file except in compliance with the License.

* A copy of the License is located at

*

* http://aws.amazon.com/apache2.0

*

* or in the "license" file accompanying this file. This file is distributed

* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either

* express or implied. See the License for the specific language governing

* permissions and limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-jar/com/amazonaws/metrics/package-info.java

* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-jar/com/amazonaws/metrics/NoOpClassForJavadocGeneration.java

No license file was found, but licenses were detected in source scan.

/*

*

* Licensed under the Apache License, Version 2.0 (the "License").

* You may not use this file except in compliance with the License.

* A copy of the License is located at

*

```
*  http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-
jar/com/amazonaws/metrics/internal/cloudwatch/CloudWatchMetricConfig.java
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
*  http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-
jar/com/amazonaws/metrics/internal/cloudwatch/MetricUploaderThread.java
* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-
jar/com/amazonaws/metrics/internal/cloudwatch/spi/Dimensions.java
*
 /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-
jar/com/amazonaws/metrics/internal/cloudwatch/ServiceMetricCollectorSupport.java
* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-
jar/com/amazonaws/metrics/internal/cloudwatch/MachineMetricFactory.java
* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-
jar/com/amazonaws/metrics/internal/cloudwatch/provider/transform/DynamoDBRequestMetricTransformer.java
* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-
jar/com/amazonaws/metrics/internal/cloudwatch/provider/transform/DynamoDBDimensions.java
* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-
jar/com/amazonaws/metrics/internal/cloudwatch/BlockingRequestBuilder.java
* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-
jar/com/amazonaws/metrics/internal/cloudwatch/PredefinedMetricTransformer.java
*

/opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-jar/com/amazonaws/metrics/internal/cloudwatch/spi/RequestMetricTransformer.java

* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-jar/com/amazonaws/metrics/internal/cloudwatch/MachineMetric.java

* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-jar/com/amazonaws/metrics/internal/cloudwatch/RequestMetricCollectorSupport.java

* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-jar/com/amazonaws/metrics/internal/cloudwatch/DimensionComparator.java

* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-jar/com/amazonaws/metrics/internal/cloudwatch/MetricCollectorSupport.java

* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-jar/com/amazonaws/metrics/internal/cloudwatch/spi/MetricData.java

*
 /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-jar/com/amazonaws/metrics/internal/cloudwatch/DefaultMetricCollectorFactory.java

* /opt/cola/permits/1294102223_1649200936.01/0/aws-java-sdk-cloudwatchmetrics-1-11-820-sources-jar/com/amazonaws/metrics/internal/cloudwatch/spi/AWSMetricTransformerFactory.java

1.163 kubernetes-client-api 4.0.0

1.163.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Bnd-LastModified: 1549919084142

Build-Jdk: 1.8.0_191

Built-By: brendan

Bundle-Description: Kubernetes Client Library

Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt

Bundle-ManifestVersion: 2

Bundle-Name: client-java

Bundle-SymbolicName: io.kubernetes.client-java

Bundle-Version: 4.0.0

Created-By: Apache Maven Bundle Plugin

Export-Package: io.kubernetes.client;version="4.0.0";uses:="com.google

.gson,com.google.gson.stream,com.google.protobuf,com.squareup.okhttp,

io.kubernetes.client.auth,io.kubernetes.client.models,io.kubernetes.c

lient.proto,io.kubernetes.client.util,javax.net.ssl,okio,org.joda.tim

e,org.joda.time.format",io.kubernetes.client.util;uses:="com.google.g

son.annotations,com.squareup.okhttp,com.squareup.okhttp.ws,io.kuberne

tes.client,io.kubernetes.client.models,io.kubernetes.client.util.auth

enticators,io.kubernetes.client.util.credentials,javax.net.ssl,okio,o

 rg.yaml.snakeyaml,org.yaml.snakeyaml.constructor,org.yaml.snakeyaml.i

ntrospector,org.yaml.snakeyaml.nodes,org.yaml.snakeyaml.representer";

version="4.0.0",io.kubernetes.client.util.credentials;uses:="io.kuber

netes.client,io.kubernetes.client.util";version="4.0.0",io.kubernetes

.client.util.authenticators;version="4.0.0"

Import-Package: com.google.common.base;version="[25.1,26)",com.google.
common.collect;version="[25.1,26)",com.google.common.io;version="[25.
1,26)",com.google.common.primitives;version="[25.1,26)",com.google.co
mmon.reflect;version="[25.1,26)",com.google.gson,com.google.gson.anno
tations,com.google.gson.reflect,com.google.gson.stream,com.google.pro
tobuf;version="[3.4,4)",com.microsoft.aad.adal4j;resolution:=optional
,com.squareup.okhttp,com.squareup.okhttp.internal.http,com.squareup.o
khttp.logging,com.squareup.okhttp.ws,io.kubernetes.client;version="[4
.0,5)",io.kubernetes.client.apis;version="[4.0,5)",io.kubernetes.clie
nt.auth;version="[4.0,5)",io.kubernetes.client.custom;version="[4.0,5
)",io.kubernetes.client.models;version="[4.0,5)",io.kubernetes.client
.proto;version="[4.0,5)",io.kubernetes.client.util,io.kubernetes.clie
nt.util.authenticators,io.kubernetes.client.util.credentials,javax.ne
t.ssl,javax.security.auth.x500,okio,org.apache.commons.codec.binary;v
ersion="[1.11,2)",org.apache.commons.compress.archivers;version="[1.1
8,2)",org.apache.commons.compress.archivers.tar;version="[1.18,2)",or
g.apache.commons.lang3;version="[3.7,4)",org.apache.commons.lang3.tup
le;version="[3.7,4)",org.bouncycastle.jce.provider;version="[1.59,2)"
,org.bouncycastle.openssl;version="[1.59,2)",org.bouncycastle.openssl
.jcajce;version="[1.59,2)",org.joda.time;version="[2.9,3)",org.joda.t
ime.format;version="[2.9,3)",org.slf4j;version="[1.7,2)",org.yaml.sna
keyaml;version="[1.19,2)",org.yaml.snakeyaml.constructor;version="[1.
19,2)",org.yaml.snakeyaml.introspector;version="[1.19,2)",org.yaml.sn
akeyaml.nodes;version="[1.19,2)",org.yaml.snakeyaml.representer;versi
on="[1.19,2)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-3.5.0.201709291849

Found in path(s):
* /opt/cola/permits/1294101508_1648835897.56/0/client-java-4-0-0-jar/META-INF/MANIFEST.MF

1.164 aws-java-sdk-for-amazon-dynamodb 1.11.820

1.164.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2013-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*

* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/ScanResultPage.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/AttributeTransformer.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/QueryResultPage.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/AttributeTransformerChain.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBQueryExpression.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTypeConvertedEpochDate.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGenerated.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTable.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BSUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMappingException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/KeyPair.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBSaveExpression.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBIndexHashKey.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBRangeKey.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTypeConverted.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/PaginatedParallelScanList.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBGeneratedUuid.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/S3ClientCache.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/NSUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBVersionAttribute.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/NUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ParallelScanTask.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/PaginatedQueryList.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGeneratedKey.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/JsonMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBHashKey.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBVersioned.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ArgumentUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBIndexRangeKey.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/PaginatedScanList.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBIgnore.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMapperFieldModel.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMarshalling.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/PaginatedList.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ReflectionUtils.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/SUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBReflector.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMapperConfig.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/SSUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBScanExpression.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/S3Link.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBDeleteExpression.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAttribute.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon Technologies, Inc.

*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/AbstractEnumMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDB.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
*   http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBClientConfigurationFactory.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGenerateStrategy.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at

Found in path(s):

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/package-info.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/BetweenCondition.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/AndCondition.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/B.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/ArrayIndexElement.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/AddAction.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/IndexScanImpl.java

No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/util/TableUtils.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/metrics/DynamoDBRequestMetric.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/IDynamoDBMapper.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/AbstractDynamoDBMapper.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMapper.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights
* Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/VersionAttributeConditionExpressionGenerator.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/UpdateExpressionGenerator.java
*

/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/TransactionWriteRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTransactionLoadExpression.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/BatchLoadContext.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTransactionWriteExpression.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/TransactionLoadRequest.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2014-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/BatchWriteItemOutcome.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/QueryImpl.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/ScanOutcome.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/TableWriteItems.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ItemValueConformer.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/api/QueryApi.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/Item.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/RangeKeyCondition.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/ItemCollection.java
*

/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/QueryCollection.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ListTablesPage.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/AbstractSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/QueryFilter.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ValueTransformer.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/Table.java

*

/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/BatchGetItemImpl.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/BatchWriteItemImpl.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/Expected.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/QuerySpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/InternalUtils.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/utils/FluentArrayList.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/DeleteItemImpl.java

*

/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/api/BatchWriteItemApi.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/AbstractSpecWithPrimaryKey.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/KeyAttribute.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/DeleteItemOutcome.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/QueryPage.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/KeyConditions.java

*

/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/GetItemOutcome.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ListTablesCollection.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/utils/ValueMap.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/document/UpdateItemOutcome.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/AbstractImpl.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/BatchGetItemOutcome.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/utils/FluentHashSet.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/Attribute.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/AttributeUpdate.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/BatchWriteItemSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/UpdateItemSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/PageBasedCollection.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/IteratorSupport.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/utils/NameMap.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/BatchGetItemSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/IncompatibleTypeException.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/api/GetItemApi.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/utils/FluentHashMap.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/GetItemImpl.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ScanCollection.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/ListTablesSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/AbstractCollectionSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/IndexQueryImpl.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ScanPage.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/api/BatchGetItemApi.java

*

/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/utils/ValueList.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/api/PutItemApi.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/TableKeysAndAttributes.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/Page.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/QueryOutcome.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/ScanImpl.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/PageIterable.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/api/ScanApi.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/DeleteItemSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/Index.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/UpdateTableSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/TableCollection.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/Filter.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/ScanSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/GetItemSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/ScanFilter.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/PutItemOutcome.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/PrimaryKey.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/PutItemImpl.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/LowLevelResultListener.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/spec/PutItemSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/document/internal/UpdateItemImpl.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/document/api/DeleteItemApi.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/document/internal/ListTablesImpl.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/document/api/UpdateItemApi.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/document/api/ListTablesApi.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/document/internal/PageIterator.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/document/DynamoDB.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance
with
* the License. A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableGlobalSecondaryIndexSettingsUpdateMars
haller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/KeySchemaElementMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexUpdateMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/PutItemResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/PutItemRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/GlobalSecondaryIndex.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/model/ConsumedCapacity.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ContinuousBackupsUnavailableException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicationGroupUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/GlobalTable.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/IndexNotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ReplicaSettingsUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ShardMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/AttributeDefinition.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/BackupDetails.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ConditionCheckMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ExpiredIteratorException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/RecordJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/DescribeContinuousBackupsResult.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableFromBackupRequestProtocolMarshaller.ja
va
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteTableResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/SSEDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ListGlobalTablesResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateItemRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/BackupSummaryJsonUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/DeleteReplicaAction.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ItemCollectionMetrics.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/UpdateReplicationGroupMemberAction.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaAutoScalingUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeEndpointsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexSettingsUpdateJsonUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateBackupRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/BatchGetItemResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeValueUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/BackupSummary.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndex.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeBackupResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaUpdateMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GlobalTableDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BackupInUseExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UntagResourceResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeValueJsonUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexAutoScalingUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DeleteTableResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeValueMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ResourceInUseExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TrimmedDataAccessExceptionUnmarshaller.java
*

/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchWriteItemResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CancellationReasonJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContributorInsightsRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/EndpointJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteReplicaActionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GlobalSecondaryIndexAutoScalingUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateTableResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetRecordsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaSettingsDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TableStatus.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RequestLimitExceededExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/PutItemRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ItemCollectionSizeLimitExceededException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/endpointdiscovery/AmazonDynamoDBEndpointCache.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingSettingsDescriptionMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListTablesResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ProjectionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeBackupRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Shard.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ResourceNotFoundException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputDescriptionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PointInTimeRecoverySpecificationJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GetItemRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreams.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreamsAsync.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndexSettingsUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableToPointInTimeRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CapacityMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListBackupsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/CreateReplicationGroupMemberAction.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/RestoreTableToPointInTimeResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/LocalSecondaryIndex.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PutItemRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchGetItemResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Select.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteGlobalSecondaryIndexActionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactGetItemsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GetShardIteratorRequest.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/CreateBackupResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateReplicationGroupMemberActionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContributorInsightsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableReplicaAutoScalingRequestMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetItemResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchWriteItemRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ContributorInsightsSummary.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeStreamRequestMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PutJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AbstractAmazonDynamoDBAsync.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ResourceNotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableDescriptionMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateTimeToLiveRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactWriteItemJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ContributorInsightsStatus.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/AttributeAction.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TimeToLiveSpecification.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetItemRequestMarshaller.java

*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ResourceInUseException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ItemCollectionSizeLimitExceededExceptionUnmarshall
er.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ListTablesRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeValueUpdateMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/BackupDescription.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexInfoMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/TransactWriteItemsRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/BackupStatus.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaAutoScalingDescriptionMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/CreateGlobalTableRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ListContributorInsightsRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableReplicaAutoScalingRequestProtocolMarsh
aller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateBackupRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/GetRecordsRequest.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/BatchGetItemRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableReplicaAutoScalingRequestMarshaller.jav
a
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/PointInTimeRecoveryUnavailableExceptionUnmarshall
er.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BackupDetailsJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/package-info.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicationGroupUpdateMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateTableRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BillingModeSummaryMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/QueryRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/AutoScalingTargetTrackingScalingPolicyConfigurationUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreSummaryJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/KeysAndAttributesJsonUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaAutoScalingUpdateMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ConditionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContinuousBackupsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ProvisionedThroughputOverride.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeEndpointsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeLimitsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TableDescriptionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListStreamsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingPolicyDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RecordMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableFromBackupResultJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GetRecordsResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/SourceTableDetailsJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteTableRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ExpectedAttributeValueMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TimeToLiveSpecificationMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTimeToLiveResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TransactGetItemsRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateTableRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/WriteRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DeleteBackupRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TrimmedDataAccessException.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaAutoScalingDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DeleteGlobalSecondaryIndexAction.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DeleteBackupResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchGetItemRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateReplicaActionMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ItemCollectionMetricsMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ContributorInsightsSummaryJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexSettingsUpdateMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/BackupNotFoundException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetShardIteratorRequestMarshaller.java

*
/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactGetItemsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ScanResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TimeToLiveDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/waiters/TableExists.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBAsyncClient.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/AutoScalingSettingsDescription.java
*
/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/EndpointMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListStreamsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingPolicyDescriptionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableToPointInTimeResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TransactWriteItemsRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/CancellationReason.java
*
/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteReplicaActionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/InternalServerErrorExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TableAlreadyExistsException.java
*
/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContinuousBackupsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateGlobalTableResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputOverrideMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeEndpointsRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndexSettingsDescription.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableToPointInTimeRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ListContributorInsightsRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteItemRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactionInProgressExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Tag.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BatchWriteItemRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TimeToLiveSpecificationJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ScalarAttributeType.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingTargetTrackingScalingPolicyConfigurationUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TransactionConflictException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaDescriptionJsonUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteItemResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexSettingsDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ConditionalCheckFailedExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeTableRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TagResourceRequest.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContributorInsightsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactGetItemJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ListGlobalTablesRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateTableRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/AutoScalingPolicyUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingTargetTrackingScalingPolicyConfiguration
DescriptionMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateItemResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateGlobalTableSettingsRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeEndpointsResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeGlobalTableSettingsResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ProjectionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ContinuousBackupsDescriptionMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListTagsOfResourceRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateReplicaActionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/PointInTimeRecoveryDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TransactGetItem.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/AmazonDynamoDBException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Record.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateBackupResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContinuousBackupsRequestProtocolMarshaller
.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TimeToLiveStatus.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeLimitsRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PutRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreamsAsyncClientBuilder.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/FailureExceptionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteBackupResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/GetShardIteratorRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/QueryResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/UpdateContributorInsightsRequest.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/InternalServerErrorException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ExpiredIteratorExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/UpdateItemRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/SourceTableFeatureDetailsMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ScanRequestProtocolMarshaller.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaNotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/FailureExceptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ListTagsOfResourceResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/DescribeGlobalTableResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ListBackupsRequest.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ItemResponseMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ReplicaAlreadyExistsException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/TimeToLiveDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingTargetTrackingScalingPolicyConfiguration
DescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/PointInTimeRecoverySpecification.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeContributorInsightsResult.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexInfoJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBAsyncClientBuilder.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetRecordsRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateGlobalTableRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BackupSummaryMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/IdentityJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateTableResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/LocalSecondaryIndexDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexInfoJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ProvisionedThroughput.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/RestoreSummary.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeBackupResult.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ListContributorInsightsResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UntagResourceRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/WriteRequestJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeGlobalTableSettingsRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/AutoScalingTargetTrackingScalingPolicyConfigurationDescription.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteRequestJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ProvisionedThroughputDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaAutoScalingUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/Projection.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/SSEDescription.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContributorInsightsResultJsonUnmarshaller.ja
va
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/DescribeTableReplicaAutoScalingResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ConsumedCapacityMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/GlobalTableAlreadyExistsException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexJsonUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/CreateGlobalSecondaryIndexActionJsonUnmarshaller.j
ava
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/KeysAndAttributesMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/GlobalTableStatus.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateReplicationGroupMemberActionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/TagResourceRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateJsonUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/AutoScalingPolicyDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalSecondaryIndexActionJsonUnmarshaller.j
ava
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ListGlobalTablesResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/waiters/DescribeTableFunction.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/BackupDescriptionMarshaller.java
*

/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/BatchWriteItemResult.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaSettingsUpdateMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableResultJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BackupNotFoundExceptionUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/SourceTableFeatureDetails.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexAutoScalingUpdateMarshaller.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeTimeToLiveRequest.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TransactionCanceledException.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ContinuousBackupsStatus.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreamsAsyncClient.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ConditionJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingSettingsUpdateJsonUnmarshaller.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingSettingsDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableNotFoundExceptionUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ContributorInsightsSummaryMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateGlobalTableResultJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactionCanceledExceptionUnmarshaller.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReturnItemCollectionMetrics.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PutRequestJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Endpoint.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaDescriptionMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Capacity.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/StreamSpecification.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TagMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateGlobalTableRequest.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PointInTimeRecoveryDescriptionMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ItemResponse.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TransactionInProgressException.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTimeToLiveRequestMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GlobalSecondaryIndexInfo.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Delete.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteRequestMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/AttributeValue.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicationGroupUpdate.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/StreamDescription.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ConditionalCheckFailedException.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TableAutoScalingDescriptionMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ListTablesResult.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateReplicationGroupMemberActionMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TransactWriteItem.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ListBackupsResult.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBClient.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ArchivalSummary.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/SourceTableDetailsMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/BackupType.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ScanRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/PointInTimeRecoveryStatus.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTimeToLiveRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/StreamStatus.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/DeleteItemResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/TransactWriteItemsResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/DescribeTableResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/AbstractAmazonDynamoDBStreams.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/CreateReplicaAction.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ShardJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ListTagsOfResourceRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ComparisonOperator.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingPolicyUpdateMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/PointInTimeRecoveryDescriptionJsonUnmarshaller.jav
a
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ListTablesRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/TableInUseExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ProvisionedThroughputExceededException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/UpdateGlobalSecondaryIndexAction.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/DescribeLimitsResult.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/KeySchemaElement.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TableDescription.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AbstractAmazonDynamoDB.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListContributorInsightsRequestMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateTableReplicaAutoScalingRequest.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/BillingModeSummary.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Replica.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaAutoScalingDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ListTagsOfResourceRequest.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Put.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Update.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/QueryRequestProtocolMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndexAutoScalingDescription.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexDescriptionMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListStreamsRequestProtocolMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TagJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ExpectedAttributeValue.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamSpecificationMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/QueryRequest.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/endpointdiscovery/AmazonDynamoDBEndpointCacheLoader.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateTimeToLiveResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaSettingsDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/SSEDescriptionMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContinuousBackupsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GetItemResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputExceededExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableReplicaAutoScalingResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateGlobalTableSettingsResult.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BackupDetailsMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GetShardIteratorResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TableAutoScalingDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeLimitsRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListBackupsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamDescriptionMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UntagResourceRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/BillingMode.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactGetItemMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ListStreamsResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTimeToLiveRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/PointInTimeRecoveryUnavailableException.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ListTagsOfResourceResult.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreamsClient.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteBackupRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeStreamResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReturnValue.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GlobalSecondaryIndexDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/FailureException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingTargetTrackingScalingPolicyConfigurationUpdateMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableSettingsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TableAlreadyExistsExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PointInTimeRecoverySpecificationMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/KeySchemaElementJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/IdempotentParameterMismatchExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ArchivalSummaryMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ContinuousBackupsDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TagResourceRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ScanRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreSummaryMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/RestoreTableToPointInTimeRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/BackupDescriptionJsonUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ReturnConsumedCapacity.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ContinuousBackupsUnavailableExceptionUnmarshaller
.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableSettingsRequestProtocolMarshaller.
java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ConsumedCapacityJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/PutRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ConditionCheckJsonUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/SSESpecificationMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/DeleteTableRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteReplicationGroupMemberActionJsonUnmarshall
er.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/AbstractAmazonDynamoDBStreamsAsync.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexAutoScalingDescription
Marshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/TransactWriteItemMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/SequenceNumberRange.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ReplicaStatus.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/BatchWriteItemRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndexAutoScalingUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexAutoScalingUpdateJsonUnmarsh
aller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/DeleteItemRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/model/transform/ListContributorInsightsResultJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexDescriptionMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ScanResult.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableRequestProtocolMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ConditionalOperator.java

*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeBackupRequestProtocolMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableSettingsRequestProtocolMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBClientBuilder.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBAsync.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/LocalSecondaryIndexDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexAutoScalingUpdateMarshaller.java

*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableResultJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ShardIteratorType.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/RestoreTableFromBackupRequestMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CancellationReasonMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Get.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/IndexNotFoundException.java

*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/BackupInUseException.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaAlreadyExistsExceptionUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Stream.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Condition.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/LimitExceededException.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexSettingsDescriptionMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/RestoreTableFromBackupRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeContributorInsightsRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeContinuousBackupsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TagResourceResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/CreateTableResult.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReturnValuesOnConditionCheckFailure.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaSettingsUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/SequenceNumberRangeJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateReplicationGroupMemberActionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/CreateBackupRequest.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetRecordsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DeleteRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/BatchGetItemRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateTableReplicaAutoScalingResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexAutoScalingDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ExpectedAttributeValueJsonUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ProjectionType.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/InvalidRestoreTimeException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/BillingModeSummaryJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UntagResourceRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeGlobalTableSettingsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TimeToLiveDescriptionMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/WriteRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactWriteItemsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CapacityJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContributorInsightsRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDBStreamsClientBuilder.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactWriteItemsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/SequenceNumberRangeMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactGetItemsRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetShardIteratorResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/SourceTableDetails.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetJsonUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GlobalTableGlobalSecondaryIndexSettingsUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateTableReplicaAutoScalingResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GlobalSecondaryIndexUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TagResourceResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/IndexStatus.java
*

/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DeleteReplicationGroupMemberAction.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingPolicyUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TableNotFoundException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/AttributeValueUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamRecordMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexInfoMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/LimitExceededExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/AmazonDynamoDB.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeDefinitionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListGlobalTablesRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/AutoScalingSettingsUpdate.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PutMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/SSESpecificationJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteTableRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableAlreadyExistsExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTimeToLiveRequestMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/CreateGlobalSecondaryIndexAction.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableSettingsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GetItemRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AttributeDefinitionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaGlobalSecondaryIndexDescriptionMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateContinuousBackupsRequest.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateContinuousBackupsResult.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTableReplicaAutoScalingRequestProtocolMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ContinuousBackupsDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateItemRequestProtocolMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaNotFoundException.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/CreateGlobalTableResult.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateGlobalSecondaryIndexActionMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TransactionConflictExceptionUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/waiters/TableNotExists.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContributorInsightsRequestMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/IdempotentParameterMismatchException.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ProvisionedThroughputOverrideJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateItemResult.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalSecondaryIndexActionMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ListStreamsRequest.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TableAutoScalingDescription.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ItemCollectionMetricsJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/KeysAndAttributes.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamSpecificationJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteGlobalSecondaryIndexActionJsonUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeStreamRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/OperationType.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/SSEStatus.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalSecondaryIndexUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UntagResourceResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeTimeToLiveResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/UpdateContributorInsightsResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/BackupTypeFilter.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TableNotFoundExceptionUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeStreamResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListTablesRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/RequestLimitExceededException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteReplicationGroupMemberActionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ContributorInsightsAction.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/CreateTableRequest.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ReplicaSettingsDescriptionMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeEndpointsRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/waiters/AmazonDynamoDBWaiters.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeTableReplicaAutoScalingRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TransactGetItemsResult.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/QueryResult.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/GlobalTableGlobalSecondaryIndexSettingsUpdateJson

Unmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteItemRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/SourceTableFeatureDetailsJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ReplicaGlobalSecondaryIndexDescription.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListBackupsRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/AutoScalingSettingsUpdateMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/TableInUseException.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DeleteBackupRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/CreateGlobalTableRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateGlobalTableSettingsResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/PutItemResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/UpdateContinuousBackupsRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/LocalSecondaryIndexInfo.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeGlobalTableRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/TableDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeLimitsRequestMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeStreamRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/IdentityMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/SSEType.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/InvalidRestoreTimeExceptionUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/StreamRecord.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/RestoreTableFromBackupResult.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/GlobalTableNotFoundException.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeContinuousBackupsRequest.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ItemResponseJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamRecordJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/StreamViewType.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/DescribeTimeToLiveResultJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/Identity.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ArchivalSummaryJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/KeyType.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/ListGlobalTablesRequestProtocolMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/ConditionCheck.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/transform/StreamDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/SSESpecification.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/auth/policy/actions/DynamoDBv2Actions.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/model/DescribeBackupRequest.java
No license file was found, but licenses were detected in source scan.

*/

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/package-info.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/ObjectToStringMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/package-info.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2016-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMapperModelFactory.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBConvertedBool.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGeneratedDefault.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBNamed.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGeneratedTimestamp.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTypeConverterFactory.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTypeConvertedEnum.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBKeyed.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTypeConvertedJson.java
*

/opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBFlattened.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/StandardModelFactories.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/StandardTypeConverters.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTypeConverter.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/StandardAnnotationMaps.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMapperTableModel.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBDelimited.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTableMapper.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ConvertibleType.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/StandardBeanProperties.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGenerator.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBScalarAttribute.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTypeConvertedTimestamp.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTyped.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/DeleteItemExpressionSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/QueryExpressionSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/NULL.java

*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/SubstitutionContext.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/ExpressionSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/ListLiteralOperand.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/SS.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/BOOL.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/UpdateItemExpressionSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/NS.java

*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/PathElement.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/OrCondition.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/FunctionCondition.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/NamedElement.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/PathOperand.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/ExpressionSpecBuilder.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/LiteralOperand.java

*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/N.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/Precedence.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/L.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/GetItemExpressionSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/xspec/S.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMappingsRegistry.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/PutItemExpressionSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/ListAppendFunction.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/SetAction.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/NegationCondition.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/Path.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/Condition.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/UnitOfExpression.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/ScanExpressionSpec.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/ParenthesizedCondition.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/M.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/IfNotExistsFunction.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/UpdateAction.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/BS.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/PlusOperation.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/MinusOperation.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/BinaryOperation.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/RemoveAction.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/ComparatorCondition.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/DeleteAction.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/Operand.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/xspec/InCondition.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/xspec/FunctionOperand.java

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2014-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*    http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/FloatSetUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/DateSetUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/CollectionToListMarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/NullableUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ConversionSchema.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/ObjectToMapMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/DateToStringMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/CalendarUnmarshaller.java
*
 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/FloatUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteArraySetUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BigDecimalUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/ByteBufferSetToBinarySetMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/LongSetUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BigIntegerSetUnmarshaller.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/S3LinkUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBNativeBoolean.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/StringSetUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ShortSetUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/MapToMapMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/CalendarSetUnmarshaller.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/UUIDUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/DateUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ObjectUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteBufferUnmarshaller.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/NumberToNumberMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BooleanUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/S3LinkToStringMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/UUIDSetToStringSetMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/DoubleSetUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/StringUnmarshaller.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteBufferSetUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/StringToStringMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteArrayUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/MapUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/ByteArrayToBinaryMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ArgumentMarshaller.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BooleanSetUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/ObjectSetToStringSetMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/CalendarSetToStringSetMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/NumberSetToNumberSetMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BigIntegerUnmarshaller.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ConversionSchemas.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/BooleanSetToNumberSetMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ListUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBDocument.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/MUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/DoubleUnmarshaller.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/CustomMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/UUIDSetUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/StringSetToStringSetMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/ByteArraySetToBinarySetMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/BigDecimalSetUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/ItemConverter.java

*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/BooleanToNumberMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/BooleanToBooleanMarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/CustomUnmarshaller.java

* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-

jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/IntegerSetUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/LongUnmarshaller.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/DateSetToStringSetMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/CalendarToStringMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ByteSetUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ObjectSetUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/ShortUnmarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/LUnmarshaller.java
*

 /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/marshallers/ByteBufferToBinaryMarshaller.java
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/datamodeling/unmarshallers/IntegerUnmarshaller.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2012-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance with
* the License. A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions
* and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101172_1649202145.49/0/aws-java-sdk-dynamodb-1-11-820-sources-
jar/com/amazonaws/services/dynamodbv2/document/ItemUtils.java

1.165 aws-sdk-for-java-models 1.11.820

1.165.1 Available under license :

#

Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

#

Licensed under the Apache License, Version 2.0 (the "License").

You may not use this file except in compliance with the License.

A copy of the License is located at

#

http://aws.amazon.com/apache2.0

#

or in the "license" file accompanying this file. This file is distributed

on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either

express or implied. See the License for the specific language governing

permissions and limitations under the License.

#

 Apache License
                    Version 2.0, January 2004
                 http://www.apache.org/licenses/

   TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

   1. Definitions.

      "License" shall mean the terms and conditions for use, reproduction,
      and distribution as defined by Sections 1 through 9 of this document.

      "Licensor" shall mean the copyright owner or entity authorized by
      the copyright owner that is granting the License.

      "Legal Entity" shall mean the union of the acting entity and all
      other entities that control, are controlled by, or are under common
      control with that entity. For the purposes of this definition,
      "control" means (i) the power, direct or indirect, to cause the
      direction or management of such entity, whether by contract or
      otherwise, or (ii) ownership of fifty percent (50%) or more of the
      outstanding shares, or (iii) beneficial ownership of such entity.

      "You"
    (or "Your") shall mean an individual or Legal Entity
      exercising permissions granted by this License.

      "Source" form shall mean the preferred form for making modifications,
      including but not limited to software source code, documentation
      source, and configuration files.

      "Object" form shall mean any form resulting from mechanical
      transformation or translation of a Source form, including but
      not limited to compiled object code, generated documentation,

and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial revisions, annotations, elaborations,
or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems
that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this License, each Contributor hereby
grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,

where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
   Work
or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must
       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding those notices that do not

       pertain to any part of the Derivative Works, in at least one
       of the following places: within a NOTICE text file distributed
       as part of the Derivative Works; within the Source form or
       documentation, if provided along with the Derivative Works; or,
       within a display generated by the Derivative Works, if and
       wherever such third-party notices normally appear. The contents
       of the NOTICE file are for informational purposes only and
       do not modify the License. You may add Your own attribution
       notices within Derivative Works that You distribute, alongside
       or as an addendum to the NOTICE text from the Work, provided
       that such additional attribution notices cannot be construed
       as modifying the License.

   You may add Your own copyright statement to Your modifications and

may provide additional or different license terms and conditions
for use, reproduction, or distribution
of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental,
or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this

License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted
against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.
Such other license terms will then apply in lieu of the terms of the software license above.

1.166 liquibase 3.8.9
1.166.1 Available under license :

Apache HttpCore
Copyright 2005-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).
Apache Commons Codec
Copyright 2002-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java
contains test data from http://aspell.net/test/orig/batch0.tab.
Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)

===

The content of package org.apache.commons.codec.language.bm has been translated
from the original php source code available at http://stevemorse.org/phoneticinfo.htm
with permission from the original authors.
Original source copyright:
Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or
(iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from)
the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication
on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant

of Patent License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as
of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must

      include a readable copy of the attribution notices contained
       within such NOTICE file, excluding those notices that do not
       pertain to any part of the Derivative Works, in at least one
       of the following places: within a NOTICE text file distributed
       as part of the Derivative Works; within the Source form or
       documentation, if provided along with the Derivative Works; or,
       within a display generated by the Derivative Works, if and
       wherever such third-party notices normally appear. The contents
       of the NOTICE file are for informational purposes only and
       do not modify the License. You may add Your own attribution
       notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own
copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names
of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law
(such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your
sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

   END OF TERMS AND CONDITIONS

   APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

   Copyright [yyyy] [name of copyright owner]

   Licensed under the Apache License, Version 2.0 (the "License");
   you may not use this file except in compliance with the License.
   You may obtain a copy of the License at

     http://www.apache.org/licenses/LICENSE-2.0

   Unless required by applicable law or agreed to in writing, software
   distributed under the License is distributed on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
   See the License for the specific language governing permissions and
   limitations under the License.

Apache HttpClient
Copyright 1999-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

                    Apache License

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding

those notices that do not

    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,

except as required for reasonable and customary use in describing the

origin of the Work and reproducing the

content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or

agreed to in writing, Licensor provides the Work (and each

Contributor provides its Contributions) on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or

implied, including, without limitation, any warranties or conditions

of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A

PARTICULAR PURPOSE. You are solely responsible for determining the

appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise,

unless required by applicable law (such as deliberate and grossly

negligent acts) or agreed to in writing, shall any Contributor be

liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a

result of this License or out of the use or inability to use the

Work (including but not limited to damages for loss of goodwill,

work stoppage, computer failure or malfunction, or any and all

other commercial damages or losses), even if such Contributor

has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing

the Work or Derivative Works thereof, You may choose to offer,

and charge a fee for, acceptance of support, warranty, indemnity,

or other liability obligations and/or rights consistent with this

License. However, in accepting such obligations, You may act only

on Your own behalf and on Your sole responsibility, not on behalf

of any other Contributor, and only if You agree to indemnify,

defend, and hold each Contributor harmless for any liability

 incurred by, or claims asserted against, such Contributor by reason

of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following

boilerplate notice, with the fields enclosed by brackets "[]"

replaced with your own identifying information. (Don't include

the brackets!) The text should be enclosed in the appropriate

comment syntax for the file format. We also recommend that a

file or class name and description of purpose be included on the

same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
Apache Commons Logging
Copyright 2003-2013 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).
===
= NOTICE file corresponding to section 4d of the Apache License Version 2.0 =
===
This product includes software developed by
Joda.org (http://www.joda.org/).
Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers.

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0
To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.

1.167 launchdarkly-sdk-for-java 4.61

1.167.1 Available under license :

Apache Commons Codec
Copyright 2002-2014 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java
contains test data from http://aspell.net/test/orig/batch0.tab.
Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)

==

The content of package org.apache.commons.codec.language.bm has been translated
from the original php source code available at http://stevemorse.org/phoneticinfo.htm
with permission from the original authors.
Original source copyright:
Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or
(iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from)
the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication
on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant

of Patent License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as
of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
      Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
      stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
      that You distribute, all copyright, patent, trademark, and
      attribution notices from the Source form of the Work,
      excluding those notices that do not pertain to any part of
      the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
      distribution, then any Derivative Works that You distribute must

      include a readable copy of the attribution notices contained
      within such NOTICE file, excluding those notices that do not
      pertain to any part of the Derivative Works, in at least one
      of the following places: within a NOTICE text file distributed
      as part of the Derivative Works; within the Source form or
      documentation, if provided along with the Derivative Works; or,
      within a display generated by the Derivative Works, if and
      wherever such third-party notices normally appear. The contents
      of the NOTICE file are for informational purposes only and
      do not modify the License. You may add Your own attribution
      notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own
copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names
of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law
(such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your

sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

   END OF TERMS AND CONDITIONS

   APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

   Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.168 amazon-dax-java-client 1.0.200704.0

1.168.1 Available under license :

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source"
 form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely
 link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean
 Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and
You must cause any modified files to carry prominent notices stating that You changed the files; and
You must retain, in the Source form of any Derivative Works that You distribute,
 all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the
 NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the
 trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly
 negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor
 harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: HOW TO APPLY THE APACHE LICENSE TO YOUR WORK
To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

Unless
 required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.169 jackson-datatype-guava 2.11.3

1.169.1 Available under license :

Apache-2.0

1.170 jackson-datatype-joda jackson-datatype-joda-2.11.3

1.170.1 Available under license :

This copy of Jackson JSON processor streaming parser/generator is licensed under the

Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the

specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

1.171 analytics-for-java-(core) 2.1.1

1.171.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright (C) 2011 FasterXML, LLC

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1294100521_1649202271.62/0/analytics-core-2-1-1-sources-1-

jar/com/segment/analytics/gson/Iso8601Utils.java

1.172 sundr-core 0.9.2

1.172.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
*   Copyright 2016 The original authors.
*
*   Licensed under the Apache License, Version 2.0 (the "License");
*   you may not use this file except in compliance with the License.
*   You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
*   Unless required by applicable law or agreed to in writing, software
*   distributed under the License is distributed on an "AS IS" BASIS,
*   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
*   See the License for the specific language governing permissions and
*   limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/Predicate.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/PathAwareTypedVisitor.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/Provider.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2016 The original authors.
*
*   Licensed under the Apache License, Version 2.0 (the "License");
*   you may not use this file except in compliance with the License.
*   You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
*   Unless required by applicable law or agreed to in writing, software
*   distributed under the License is distributed on an "AS IS" BASIS,
*   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
*   See the License for the specific language governing permissions and
*   limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/FunctionFactory.java

* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/Function.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/TypedVisitor.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015 The original authors.
*
*   Licensed under the Apache License, Version 2.0 (the "License");
*   you may not use this file except in compliance with the License.
*   You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
*   Unless required by applicable law or agreed to in writing, software
*   distributed under the License is distributed on an "AS IS" BASIS,
*   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
*   See the License for the specific language governing permissions and
*   limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/Builder.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/Inlineable.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/Nested.java
*
 /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/Fluent.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/Visitor.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/Editable.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/BaseFluent.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/Function.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/Visitable.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/builder/VisitableBuilder.java
* /opt/cola/permits/1294101352_1648169296.18/0/sundr-core-0-9-2-sources-jar/io/sundr/SundrException.java

1.173 builder-annotations 0.9.2

1.173.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
*   Copyright 2018 The original authors.
*
*   Licensed under the Apache License, Version 2.0 (the "License");
*   you may not use this file except in compliance with the License.
*   You may obtain a copy of the License at
*

```
*       http://www.apache.org/licenses/LICENSE-2.0
*
*    Unless required by applicable law or agreed to in writing, software
*    distributed under the License is distributed on an "AS IS" BASIS,
*    WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
*    See the License for the specific language governing permissions and
*    limitations under the License.
*/
```

Found in path(s):

* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-jar/io/sundr/builder/internal/resources/ValidationUtils.java

* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-jar/io/sundr/builder/internal/functions/Construct.java

No license file was found, but licenses were detected in source scan.

```
/*
*    Copyright 2016 The original authors.
*
*    Licensed under the Apache License, Version 2.0 (the "License");
*    you may not use this file except in compliance with the License.
*    You may obtain a copy of the License at
*
*       http://www.apache.org/licenses/LICENSE-2.0
*
*    Unless required by applicable law or agreed to in writing, software
*    distributed under the License is distributed on an "AS IS" BASIS,
*    WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
*    See the License for the specific language governing permissions and
*    limitations under the License.
*/
```

Found in path(s):

* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-jar/io/sundr/builder/annotations/IgnoreDescendants.java

* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-jar/io/sundr/builder/annotations/FilterDescendants.java

No license file was found, but licenses were detected in source scan.

```
#
# Copyright 2015 The original authors.
#
#   Licensed under the Apache License, Version 2.0 (the "License");
#   you may not use this file except in compliance with the License.
#   You may obtain a copy of the License at
#
#       http://www.apache.org/licenses/LICENSE-2.0
#
```

io.sundr.builder.internal.processor.BuildableProcessor

io.sundr.builder.internal.processor.ExternalBuildableProcessor

Found in path(s):

* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-jar/META-INF/services/javax.annotation.processing.Processor

No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-jar/io/sundr/builder/internal/functions/Descendants.java

No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/annotations/Pojo.java
* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/internal/visitors/InitEnricher.java
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/annotations/ExternalBuildables.java
* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/internal/BuildableRepository.java
* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/internal/utils/BuilderUtils.java
*
 /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/annotations/Inline.java
* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/Constants.java
* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/internal/functions/ToMethod.java
* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/internal/BuilderContextManager.java
* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/annotations/BuildableReference.java
* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/internal/processor/ExternalBuildableProcessor.java
* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-

jar/io/sundr/builder/internal/functions/ClazzAs.java

*

 /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/internal/functions/PropertyAs.java

* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/internal/processor/AbstractBuilderProcessor.java

* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/annotations/Buildable.java

* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/internal/functions/TypeAs.java

* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/internal/BuilderContext.java

* /opt/cola/permits/1294100821_1648167920.8/0/builder-annotations-0-9-2-sources-
jar/io/sundr/builder/internal/processor/BuildableProcessor.java

1.174 aws-java-sdk-for-aws-sts 1.11.820

1.174.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance with

* the License. A copy of the License is located at

*

* http://aws.amazon.com/apache2.0

*

* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions

* and limitations under the License.

*/

Found in path(s):
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/auth/policy/actions/SecurityTokenServiceActions.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/DecodeAuthorizationMessageRequest.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/DecodeAuthorizationMessageResultStaxUnmarshaller.java

*

 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/AssumeRoleWithWebIdentityRequest.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/Tag.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/AbstractAWSSecurityTokenService.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/IDPCommunicationErrorException.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/transform/CredentialsStaxUnmarshaller.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/transform/AssumedRoleUserStaxUnmarshaller.java

*
 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/package-info.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/AssumeRoleWithWebIdentityResult.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/AssumeRoleRequest.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/transform/GetSessionTokenRequestMarshaller.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/InvalidIdentityTokenException.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/AWSSecurityTokenServiceAsyncClientBuilder.java

*
 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/transform/AssumeRoleWithSAMLResultStaxUnmarshaller.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/transform/IDPRejectedClaimExceptionUnmarshaller.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/transform/GetSessionTokenResultStaxUnmarshaller.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/ExpiredTokenException.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/DecodeAuthorizationMessageResult.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/AssumeRoleWithSAMLRequest.java

*
 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/AssumeRoleWithSAMLResult.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/FederatedUser.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/AWSSecurityTokenServiceClientBuilder.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/AWSSecurityTokenServiceAsyncClient.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/model/transform/PackedPolicyTooLargeExceptionUnmarshaller.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/transform/PolicyDescriptorTypeStaxUnmarshaller.java
*

 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/IDPRejectedClaimException.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/InvalidAuthorizationMessageExceptionUnmarshaller.ja
va
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/GetCallerIdentityRequest.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/GetFederationTokenResult.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/GetCallerIdentityRequestMarshaller.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/AssumeRoleWithWebIdentityRequestMarshaller.java
*

 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/InvalidIdentityTokenExceptionUnmarshaller.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/GetAccessKeyInfoResult.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/GetCallerIdentityResult.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/RegionDisabledException.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/GetCallerIdentityResultStaxUnmarshaller.java
*

 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/AssumeRoleWithWebIdentityResultStaxUnmarshaller.
java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/AssumeRoleRequestMarshaller.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/DecodeAuthorizationMessageRequestMarshaller.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/IDPCommunicationErrorExceptionUnmarshaller.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/GetFederationTokenResultStaxUnmarshaller.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/GetFederationTokenRequestMarshaller.java
*

 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/AssumeRoleResultStaxUnmarshaller.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/transform/TagStaxUnmarshaller.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/AWSSecurityTokenServiceException.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/Credentials.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/AssumeRoleResult.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/transform/GetAccessKeyInfoResultStaxUnmarshaller.java

*

 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/transform/MalformedPolicyDocumentExceptionUnmarshaller.jav

a

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/AbstractAWSSecurityTokenServiceAsync.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/InvalidAuthorizationMessageException.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/AssumedRoleUser.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/MalformedPolicyDocumentException.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/PackedPolicyTooLargeException.java

*

 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/transform/RegionDisabledExceptionUnmarshaller.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/transform/GetAccessKeyInfoRequestMarshaller.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/PolicyDescriptorType.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/GetSessionTokenRequest.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/GetSessionTokenResult.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/GetAccessKeyInfoRequest.java

*

 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/transform/FederatedUserStaxUnmarshaller.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/transform/ExpiredTokenExceptionUnmarshaller.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/services/securitytoken/model/transform/AssumeRoleWithSAMLRequestMarshaller.java

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance with

* the License. A copy of the License is located at

*

```
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/
/**
  * <p>
  * Returns a set of temporary security credentials (consisting of an access key ID, a secret access key, and a
  * security token) for a federated user. A typical use is in a proxy application that gets temporary security
  * credentials on behalf of distributed applications inside a corporate network. You must call the

  * <code>GetFederationToken</code> operation using the long-term security credentials of an IAM user. As a
result,
  * this call is appropriate in contexts where those credentials can be safely stored, usually in a server-based
  * application. For a comparison of <code>GetFederationToken</code> with the other API operations that
produce
  * temporary credentials, see <a
  * href="https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_temp_request.html">Requesting
Temporary
  * Security Credentials</a> and <a
  *
href="https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_temp_request.html#stsapi_comparison"
  * >Comparing the AWS STS API operations</a> in the <i>IAM User Guide</i>.
  * </p>
  * <note>
  * <p>
  * You can create a mobile-based or browser-based app that can authenticate users using a web identity provider
like
  * Login with Amazon, Facebook, Google, or an OpenID Connect-compatible identity provider. In this case,
we
  * recommend that you use <a href="http://aws.amazon.com/cognito/">Amazon Cognito</a> or
  * <code>AssumeRoleWithWebIdentity</code>. For more information, see <a href=
  *
"https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_temp_request.html#api_assumerolewithwebide
ntity"
  * >Federation Through a Web-based Identity Provider</a> in the <i>IAM User Guide</i>.
  * </p>
  * </note>
  * <p>
  * You can also call <code>GetFederationToken</code> using the security credentials of an AWS account root
user, but
  * we do not recommend it. Instead, we recommend that you create an IAM user for the purpose of the proxy
  * application. Then attach a policy to the IAM user that limits federated users to only the actions and resources
  * that they need to access. For more information, see <a
  * href="https://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html">IAM Best Practices</a> in the
```

```
<i>IAM
  * User Guide</i>.
  * </p>

 * <p>
  * <b>Session duration</b>
  * </p>
  * <p>
  * The temporary credentials are valid for the specified duration, from 900 seconds (15 minutes) up to a maximum
of
  * 129,600 seconds (36 hours). The default session duration is 43,200 seconds (12 hours). Temporary credentials
that
  * are obtained by using AWS account root user credentials have a maximum duration of 3,600 seconds (1 hour).
  * </p>
  * <p>
  * <b>Permissions</b>
  * </p>
  * <p>
  * You can use the temporary credentials created by <code>GetFederationToken</code> in any AWS service
except the
  * following:
  * </p>
  * <ul>
  * <li>
  * <p>
  * You cannot call any IAM operations using the AWS CLI or the AWS API.
  * </p>
  * </li>
  * <li>
  * <p>
  * You cannot call any STS operations except <code>GetCallerIdentity</code>.
  * </p>
  * </li>
  * </ul>
  * <p>
  * You must pass an inline or managed <a
  * href="https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies.html#policies_session">session
policy</a>
  * to this operation. You can pass a single JSON policy document to use as an inline session policy. You can also
  * specify up to 10 managed policies to use as managed session policies. The plain text that you use for both inline
  * and managed session policies can't exceed 2,048 characters.
  * </p>
  * <p>
  * Though the session policy parameters are optional, if you do not pass a policy, then the resulting federated user
  * session has no permissions. When you pass session policies, the session permissions are the intersection of the
  * IAM user policies and the session policies that you pass. This gives you a way to further restrict the
  * permissions for a federated user. You cannot use session policies to grant more permissions than those that are
  * defined in the permissions policy of the IAM user. For more information, see <a
```

```
    * href="https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies.html#policies_session">Session
    * Policies</a> in the <i>IAM User Guide</i>. For information about using <code>GetFederationToken</code>
to create
    * temporary security credentials, see <a
    *
href="https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_temp_request.html#api_getfederationtoke
n"
    * >GetFederationToken—Federation Through a Custom Identity Broker</a>.
    * </p>
    * <p>
    * You can use the credentials to access a resource that has a resource-based policy. If that policy specifically
    * references the federated user session in the <code>Principal</code> element of the policy, the session has the
    * permissions allowed by the policy. These permissions are granted in addition to the permissions granted by the
    * session policies.
    * </p>
    * <p>
    * <b>Tags</b>
    * </p>
    * <p>
    * (Optional) You can pass tag key-value pairs to your session. These are called session
tags. For more information
    * about session tags, see <a href="https://docs.aws.amazon.com/IAM/latest/UserGuide/id_session-
tags.html">Passing
    * Session Tags in STS</a> in the <i>IAM User Guide</i>.
    * </p>
    * <p>
    * An administrator must grant you the permissions necessary to pass session tags. The administrator can also
create
    * granular permissions to allow you to pass only specific session tags. For more information, see <a
    * href="https://docs.aws.amazon.com/IAM/latest/UserGuide/tutorial_attribute-based-access-
control.html">Tutorial:
    * Using Tags for Attribute-Based Access Control</a> in the <i>IAM User Guide</i>.
    * </p>
    * <p>
    * Tag key–value pairs are not case sensitive, but case is preserved. This means that you cannot have separate
    * <code>Department</code> and <code>department</code> tag keys. Assume that the user that you are
federating has
    * the <code>Department</code>=<code>Marketing</code> tag and you pass the
 <code>department</code>=
    * <code>engineering</code> session tag. <code>Department</code> and <code>department</code> are not
saved as
    * separate tags, and the session tag passed in the request takes precedence over the user tag.
    * </p>
    *
    * @param getFederationTokenRequest
    * @return A Java Future containing the result of the GetFederationToken operation returned by the service.
    * @sample AWSSecurityTokenServiceAsync.GetFederationToken
    * @see <a href="http://docs.aws.amazon.com/goto/WebAPI/sts-2011-06-15/GetFederationToken"
```

target="_top">AWS API
  *   Documentation
  */

Found in path(s):
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/AWSSecurityTokenServiceAsync.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2010-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/RegionalEndpointsOptionResolver.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/auth/STSAssumeRoleWithWebIdentitySessionCredentialsProvider.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-

jar/com/amazonaws/auth/STSAssumeRoleSessionCredentialsProvider.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/auth/WebIdentityFederationSessionCredentialsProvider.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/auth/STSSessionCredentialsProvider.java

*

 /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/auth/STSSessionCredentials.java

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/auth/NoSessionSupportCredentials.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance with
* the License. A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions
* and limitations under the License.
*/
/**
  * <p>
  * Returns a set of temporary security credentials (consisting of an access key ID, a secret access key, and a
  * security token) for a federated user. A typical use is in a proxy application that gets temporary security
  * credentials on behalf of distributed applications inside a corporate network. You must call the

  * <code>GetFederationToken</code> operation using the long-term security credentials of an IAM user. As a result,
  * this call is appropriate in contexts where those credentials can be safely stored, usually in a server-based
  * application. For a comparison of <code>GetFederationToken</code> with the other API operations that produce
  * temporary credentials, see <a
  * href="https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_temp_request.html">Requesting Temporary
  * Security Credentials and <a
  *
href="https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_temp_request.html#stsapi_comparison"
  * >Comparing the AWS STS API operations in the <i>IAM User Guide</i>.
  * </p>
  * <note>
  * <p>

   * You can create a mobile-based or browser-based app that can authenticate users using a web identity provider
like

   * Login with Amazon, Facebook, Google, or an OpenID Connect-compatible identity provider. In this case,
we

   * recommend that you use Amazon Cognito or

   * <code>AssumeRoleWithWebIdentity</code>. For more information, see <a href=

   *
"https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_temp_request.html#api_assumerolewithwebide
ntity"

   * >Federation Through a Web-based Identity Provider in the <i>IAM User Guide</i>.

   * </p>

   * </note>

   * <p>

   * You can also call <code>GetFederationToken</code> using the security credentials of an AWS account root
user, but

   * we do not recommend it. Instead, we recommend that you create an IAM user for the purpose of the proxy

   * application. Then attach a policy to the IAM user that limits federated users to only the actions and resources

   * that they need to access. For more information, see <a

   * href="https://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html">IAM Best Practices in the
<i>IAM

   * User Guide</i>.

   * </p>

 * <p>

   * Session duration

   * </p>

   * <p>

   * The temporary credentials are valid for the specified duration, from 900 seconds (15 minutes) up to a maximum
of

   * 129,600 seconds (36 hours). The default session duration is 43,200 seconds (12 hours). Temporary credentials
that

   * are obtained by using AWS account root user credentials have a maximum duration of 3,600 seconds (1 hour).

   * </p>

   * <p>

   * Permissions

   * </p>

   * <p>

   * You can use the temporary credentials created by <code>GetFederationToken</code> in any AWS service
except the

   * following:

   * </p>

   *

   *

   * <p>

   * You cannot call any IAM operations using the AWS CLI or the AWS API.

   * </p>

   *

   *

```
* <p>
* You cannot call any STS operations except <code>GetCallerIdentity</code>.
* </p>
* </li>
* </ul>
* <p>
* You must pass an inline or managed <a
* href="https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies.html#policies_session">session
policy</a>
* to this operation. You can pass a single JSON policy document to use as an inline session policy. You can also
* specify up to 10 managed policies to use as managed session policies. The plain text that you use for both inline
* and managed session policies can't exceed 2,048 characters.
* </p>
* <p>
* Though the session policy parameters are optional, if you do not pass a policy, then the resulting federated user
* session has no permissions. When you pass session policies, the session permissions are the intersection of the
* IAM user policies and the session policies that you pass. This gives you a way to further restrict the
* permissions for a federated user. You cannot use session policies to grant more permissions than those that are
* defined in the permissions policy of the IAM user. For more information, see <a
* href="https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies.html#policies_session">Session
 * Policies</a> in the <i>IAM User Guide</i>. For information about using <code>GetFederationToken</code>
to create
* temporary security credentials, see <a
*
href="https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_temp_request.html#api_getfederationtoke
n"
* >GetFederationToken—Federation Through a Custom Identity Broker</a>.
* </p>
* <p>
* You can use the credentials to access a resource that has a resource-based policy. If that policy specifically
* references the federated user session in the <code>Principal</code> element of the policy, the session has the
* permissions allowed by the policy. These permissions are granted in addition to the permissions granted by the
* session policies.
* </p>
* <p>
* <b>Tags</b>
* </p>
* <p>
* (Optional) You can pass tag key-value pairs to your session. These are called session
tags. For more information
* about session tags, see <a href="https://docs.aws.amazon.com/IAM/latest/UserGuide/id_session-
tags.html">Passing
* Session Tags in STS</a> in the <i>IAM User Guide</i>.
* </p>
* <p>
* An administrator must grant you the permissions necessary to pass session tags. The administrator can also
create
* granular permissions to allow you to pass only specific session tags. For more information, see <a
```

* href="https://docs.aws.amazon.com/IAM/latest/UserGuide/tutorial_attribute-based-access-
control.html">Tutorial:
 * Using Tags for Attribute-Based Access Control in the <i>IAM User Guide</i>.
 * </p>
 * <p>
 * Tag key–value pairs are not case sensitive, but case is preserved. This means that you cannot have separate
 * <code>Department</code> and <code>department</code> tag keys. Assume that the user that you are
federating has
 * the <code>Department</code>=<code>Marketing</code> tag and you pass the
 <code>department</code>=
 * <code>engineering</code> session tag. <code>Department</code> and <code>department</code> are not
saved as
 * separate tags, and the session tag passed in the request takes precedence over the user tag.
 * </p>
 *
 * @param getFederationTokenRequest
 * @return Result of the GetFederationToken operation returned by the service.
 * @throws MalformedPolicyDocumentException
 *   The request was rejected because the policy document was malformed. The error message describes the
 *   specific error.
 * @throws PackedPolicyTooLargeException
 *   The request was rejected because the total packed size of the session policies and session tags combined
 *   was too large. An AWS conversion compresses the session policy document, session policy ARNs, and
session
 *   tags into a packed binary format that has a separate limit. The error message indicates by percentage how
 *
close the policies and tags are to the upper size limit. For more information, see <a
 *   href="https://docs.aws.amazon.com/IAM/latest/UserGuide/id_session-tags.html">Passing Session Tags in
 *   STS in the <i>IAM User Guide</i>.</p>
 *   <p>
 *   You could receive this error even though you meet other defined session policy and session tag limits.
 *   For more information, see <a
 *   href="https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_temp_enable-
regions.html">IAM and
 *   STS Entity Character Limits in the <i>IAM User Guide</i>.
 * @throws RegionDisabledException
 *   STS is not activated in the requested region for the account that is being asked to generate credentials.
 *   The account administrator must use the IAM console to activate STS in that region. For more information,
 *   see <a href="https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_temp_enable-
regions.html">
 *   Activating and Deactivating AWS STS in an AWS Region in the <i>IAM User Guide</i>.
 * @sample AWSSecurityTokenService.GetFederationToken
 * @see <a href="http://docs.aws.amazon.com/goto/WebAPI/sts-2011-06-15/GetFederationToken"
target="_top">AWS API
 *   Documentation
 */

Found in path(s):

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/AWSSecurityTokenService.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/AWSSecurityTokenServiceClient.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2013-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/auth/policy/STSActions.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License").
* You may not use this file except in compliance with the License.
* A copy of the License is located at
*
*   http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed
* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/auth/ShouldDoAsyncSessionRefresh.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/auth/SessionCredentialsHolder.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/auth/DaemonThreadFactory.java

*

/opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/auth/ShouldDoBlockingSessionRefresh.java
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/auth/RefreshableTask.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2012-2020 Amazon Technologies, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at:
*
*   http://aws.amazon.com/apache2.0
*
* This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES
* OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/auth/SessionCredentialsProviderFactory.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance with
* the License. A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/
/**
  * <p>
  * An IAM policy in JSON format that you want to use as an inline session policy.
  * </p>
  * <p>
  * You must pass an inline or managed <a

```
 * href="https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies.html#policies_session">session
policy</a>
   * to this operation. You can pass a single JSON policy
 document to use as an inline session policy. You can also
   * specify up to 10 managed policies to use as managed session policies.
   * </p>
   * <p>
   * This parameter is optional. However, if you do not pass any session policies, then the resulting federated user
   * session has no permissions.
   * </p>
   * <p>
   * When you pass session policies, the session permissions are the intersection of the IAM user policies and the
   * session policies that you pass. This gives you a way to further restrict the permissions for a federated user.
   * You cannot use session policies to grant more permissions than those that are defined in the permissions policy
   * of the IAM user. For more information, see <a
   * href="https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies.html#policies_session">Session
   * Policies</a> in the <i>IAM User Guide</i>.
   * </p>
   * <p>
   * The resulting credentials can be used to access a resource that has a
 resource-based policy. If that policy
   * specifically references the federated user session in the <code>Principal</code> element of the policy, the
   * session has the permissions allowed by the policy. These permissions are granted in addition to the permissions
   * that are granted by the session policies.
   * </p>
   * <p>
   * The plain text that you use for both inline and managed session policies can't exceed 2,048 characters. The
JSON
   * policy characters can be any ASCII character from the space character to the end of the valid character list (
   * through \u00FF). It can also include the tab ( ), linefeed ( ), and carriage return ( ) characters.
   * </p>
   * <note>
   * <p>
   * An AWS conversion compresses the passed session policies and session tags into a packed binary format that
has a
   * separate limit. Your request can fail for this limit even if your plain text meets the other requirements. The
   * <code>PackedPolicySize</code>
 response element indicates by percentage how close the policies and tags for your
   * request are to the upper size limit.
   * </p>
   * </note>
   */
```

Found in path(s):
* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-
jar/com/amazonaws/services/securitytoken/model/GetFederationTokenRequest.java
No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1294102852_1649201004.79/0/aws-java-sdk-sts-1-11-820-sources-jar/com/amazonaws/services/securitytoken/internal/STSProfileCredentialsService.java

1.175 aws-java-sdk-for-amazon-dynamodb-accelerator-(dax) 1.11.820

1.175.1 Available under license :

No license file was found, but licenses were detected in source scan.

Found in path(s):

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/EventMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ParameterGroupQuotaExceededExceptionUnmarshaller.java

*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/SubnetGroupInUseException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/UntagResourceResultJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/AmazonDaxClientBuilder.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/AmazonDaxAsyncClient.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DescribeParametersResultJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/UpdateClusterResultJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SubnetGroupQuotaExceededExceptionUnmarshaller.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/ServiceLinkedRoleNotFoundException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/InsufficientClusterCapacityExceptionUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/TagQuotaPerResourceExceededException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/TagNotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/NodeJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/AmazonDax.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/AmazonDaxAsync.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/IsModifiable.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/SubnetGroupQuotaExceededException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/TagNotFoundException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/SubnetQuotaExceededException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SecurityGroupMembershipMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/ListTagsRequest.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/NotificationConfigurationMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/UpdateClusterRequestProtocolMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/UpdateClusterRequest.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/UntagResourceResult.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DescribeParameterGroupsRequest.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/RebootNodeResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/CreateClusterResult.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/EndpointMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/InsufficientClusterCapacityException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/Event.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/SubnetGroup.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DescribeParameterGroupsRequestMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/UpdateSubnetGroupResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DescribeParametersResult.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/InvalidVPCNetworkStateException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/UpdateClusterResult.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DeleteClusterRequestProtocolMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/CreateClusterResultJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/CreateSubnetGroupRequestProtocolMarshaller.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/NotificationConfiguration.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/CreateParameterGroupRequestProtocolMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/TagQuotaPerResourceExceededExceptionUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/CreateSubnetGroupResult.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/CreateSubnetGroupRequest.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-

jar/com/amazonaws/services/dax/model/IncreaseReplicationFactorRequest.java

*

 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/ListTagsRequestProtocolMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/DescribeParameterGroupsResult.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/ClusterJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/TagResourceRequest.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/ChangeType.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/DecreaseReplicationFactorResultJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/TagMarshaller.java

*

 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/DescribeSubnetGroupsRequestProtocolMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/ClusterAlreadyExistsException.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/UpdateParameterGroupRequestProtocolMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/InvalidVPCNetworkStateExceptionUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/ParameterGroupStatus.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/CreateClusterRequestMarshaller.java

*

 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/DescribeEventsRequestProtocolMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/CreateClusterRequest.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/SubnetInUseException.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/DescribeSubnetGroupsRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/SSESpecification.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/UpdateSubnetGroupRequestMarshaller.java

*

 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/DescribeParametersRequestProtocolMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/DeleteSubnetGroupRequest.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-

jar/com/amazonaws/services/dax/AbstractAmazonDax.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/DescribeDefaultParametersRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/DescribeSubnetGroupsResultJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/DeleteClusterResult.java

*

 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/InvalidParameterCombinationException.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/NodeMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/NodeTypeSpecificValueJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/TagJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/TagResourceResultJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/DeleteSubnetGroupResultJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/CreateParameterGroupResult.java

*

 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/SubnetInUseExceptionUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/DeleteClusterRequest.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/Subnet.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/CreateParameterGroupRequest.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/NodeQuotaForClusterExceededException.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/CreateParameterGroupResultJsonUnmarshaller.java

*

 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/InvalidClusterStateExceptionUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/DescribeEventsResult.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/package-info.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/InvalidClusterStateException.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/UpdateParameterGroupRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/ParameterGroupStatusJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/InvalidParameterValueExceptionUnmarshaller.java

*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SSESpecificationJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DeleteParameterGroupRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DescribeDefaultParametersRequest.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DecreaseReplicationFactorRequest.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ClusterQuotaForCustomerExceededExceptionUnmarshaller.java

*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DeleteSubnetGroupResult.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DeleteClusterRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DescribeClustersResultJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DescribeSubnetGroupsRequest.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/SecurityGroupMembership.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DecreaseReplicationFactorRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SSEDescriptionJsonUnmarshaller.java

*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DeleteParameterGroupRequestProtocolMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DescribeClustersResult.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DescribeDefaultParametersResult.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/ParameterGroupQuotaExceededException.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ListTagsResultJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DescribeParameterGroupsResultJsonUnmarshaller.java

*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DescribeEventsResultJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/ClusterNotFoundException.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ParameterGroupMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DeleteParameterGroupResult.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/SourceType.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/InvalidParameterGroupStateException.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/Endpoint.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SubnetGroupInUseExceptionUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/NodeQuotaForCustomerExceededExceptionUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/NodeNotFoundException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/RebootNodeRequest.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/ParameterGroup.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/NodeTypeSpecificValue.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ParameterGroupJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DescribeEventsRequestMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/UntagResourceRequest.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SecurityGroupMembershipJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SubnetGroupJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SubnetGroupNotFoundExceptionUnmarshaller.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/UntagResourceRequestProtocolMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/ParameterGroupNotFoundException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/InvalidARNException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DecreaseReplicationFactorResult.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DescribeParameterGroupsRequestProtocolMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ParameterGroupNotFoundExceptionUnmarshaller.java
*

/opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/EventJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ListTagsRequestMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/IncreaseReplicationFactorResultJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DescribeDefaultParametersRequestProtocolMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/TagResourceResult.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/UpdateParameterGroupResult.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/EndpointJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ServiceLinkedRoleNotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DeleteParameterGroupRequest.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/ListTagsResult.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DescribeDefaultParametersResultJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/ParameterNameValue.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/InvalidSubnetExceptionUnmarshaller.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/RebootNodeRequestProtocolMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DecreaseReplicationFactorRequestProtocolMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/SubnetGroupNotFoundException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/InvalidParameterCombinationExceptionUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ParameterNameValueJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/ParameterType.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/TagResourceRequestProtocolMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SubnetQuotaExceededExceptionUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ParameterJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-

jar/com/amazonaws/services/dax/model/transform/NodeNotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/ParameterGroupStatusMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/SubnetGroupAlreadyExistsExceptionUnmarshaller.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/SubnetMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/DescribeParametersRequest.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/AbstractAmazonDaxAsync.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/AmazonDaxException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/IncreaseReplicationFactorRequestMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/IncreaseReplicationFactorResult.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/RebootNodeRequestMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/Node.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/InvalidParameterValueException.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/Tag.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/CreateSubnetGroupRequestMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/DescribeClustersRequestProtocolMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/SubnetGroupAlreadyExistsException.java
*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/DescribeEventsRequest.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/SSEStatus.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/DeleteClusterResultJsonUnmarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/transform/TagResourceRequestMarshaller.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/UpdateSubnetGroupResult.java
* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-
jar/com/amazonaws/services/dax/model/InvalidSubnetException.java
*

/opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/InvalidParameterGroupStateExceptionUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/IncreaseReplicationFactorRequestProtocolMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/ParameterGroupAlreadyExistsException.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DescribeClustersRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ParameterGroupAlreadyExistsExceptionUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/CreateClusterRequestProtocolMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DescribeClustersRequest.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SSEDescriptionMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SubnetJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/DescribeSubnetGroupsResult.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DeleteParameterGroupResultJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/InvalidARNExceptionUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/NotificationConfigurationJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ParameterNameValueMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/UntagResourceRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/UpdateParameterGroupRequest.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/NodeQuotaForCustomerExceededException.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/Cluster.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DescribeParametersRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/RebootNodeResult.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/SSEDescription.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ClusterAlreadyExistsExceptionUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-

jar/com/amazonaws/services/dax/model/transform/UpdateClusterRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/NodeQuotaForClusterExceededExceptionUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/ClusterQuotaForCustomerExceededException.java

*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DeleteSubnetGroupRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/CreateSubnetGroupResultJsonUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SubnetGroupMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/SSESpecificationMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/UpdateSubnetGroupRequest.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/DeleteSubnetGroupRequestProtocolMarshaller.java

*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/UpdateSubnetGroupRequestProtocolMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ParameterMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ClusterMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/CreateParameterGroupRequestMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/ClusterNotFoundExceptionUnmarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/UpdateParameterGroupResultJsonUnmarshaller.java

*
 /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/transform/NodeTypeSpecificValueMarshaller.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/AmazonDaxAsyncClientBuilder.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/AmazonDaxClient.java

* /opt/cola/permits/1294099819_1649201428.33/0/aws-java-sdk-dax-1-11-820-sources-jar/com/amazonaws/services/dax/model/Parameter.java

1.176 jmes-path-query-library 1.11.820

1.176.1 Available under license :

No license file was found, but licenses were detected in source scan.

Apache License, Version 2.0

Found in path(s):

* /opt/cola/permits/1294100118_1648835913.42/0/jmespath-java-1-11-820-jar/META-
INF/maven/com.amazonaws/jmespath-java/pom.xml

1.177 aws-sdk-for-java 1.11.820

1.177.1 Available under license :

Apache License
Version 2.0, January 2004

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1
through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are
under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or
indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of
fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
 including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form,
including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as
indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix
below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the
Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole,
an original work of authorship. For the purposes of this License, Derivative Works shall not include works that
remain separable from, or merely link (or bind by name) to the interfaces of, the Work
 and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications
or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the
Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright
owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written

communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom
 a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s)
 with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

1.   You must give any other recipients of the Work or Derivative Works a copy of this License; and
2.   You must cause any modified files to carry prominent notices stating that You changed the files; and
3.   You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution
 notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
4.   If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that
 such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any
 Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims
 asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

Note: Other license terms may apply to certain, identified software files contained within or distributed with the accompanying software if such terms are included in the directory containing the accompanying software. Such other license terms will then apply in lieu of the terms of the software license above.
/*
* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance with
* the License. A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing

permissions

* and limitations under the License.

*/

1.178 maxmind-geoip-api 1.2.11

1.178.1 Available under license :

Found license 'GNU Lesser General Public License' in '<name>Lesser General Public License (LGPL) v 2.1</name> <url>http://www.gnu.org/licenses/lgpl-2.1.txt</url>'

1.179 client-java-api 4.0.0

1.179.1 Available under license :

Apache-2.0

1.180 resourcecify-annotations 0.9.2

1.180.1 Available under license :

No license file was found, but licenses were detected in source scan.

#

Copyright 2017 The original authors.

#

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

#

http://www.apache.org/licenses/LICENSE-2.0

#

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

#

#

Copyright 2015 The original authors.

#

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

#

http://www.apache.org/licenses/LICENSE-2.0

#

io.sundr.resourcecify.internal.processor.ResourcecifyProcessor

Found in path(s):
* /opt/cola/permits/1294100452_1648167713.3/0/resourcecify-annotations-0-9-2-sources-jar/META-INF/services/javax.annotation.processing.Processor
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1294100452_1648167713.3/0/resourcecify-annotations-0-9-2-sources-jar/io/sundr/resourcecify/annotations/Resourcecify.java
* /opt/cola/permits/1294100452_1648167713.3/0/resourcecify-annotations-0-9-2-sources-jar/io/sundr/resourcecify/internal/processor/ResourcecifyProcessor.java

1.181 okhttp-web-sockets 2.7.5

1.181.1 Available under license :

No license file was found, but licenses were detected in source scan.

* You may obtain a copy of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):
* /opt/cola/permits/1294101874_1649196017.05/0/okhttp-ws-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/ws/WebSocketReader.java
* /opt/cola/permits/1294101874_1649196017.05/0/okhttp-ws-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/ws/WebSocketProtocol.java
* /opt/cola/permits/1294101874_1649196017.05/0/okhttp-ws-2-7-5-sources-1-
jar/com/squareup/okhttp/ws/WebSocketListener.java
*
 /opt/cola/permits/1294101874_1649196017.05/0/okhttp-ws-2-7-5-sources-1-
jar/com/squareup/okhttp/ws/WebSocketCall.java
* /opt/cola/permits/1294101874_1649196017.05/0/okhttp-ws-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/ws/WebSocketWriter.java
* /opt/cola/permits/1294101874_1649196017.05/0/okhttp-ws-2-7-5-sources-1-
jar/com/squareup/okhttp/internal/ws/RealWebSocket.java
* /opt/cola/permits/1294101874_1649196017.05/0/okhttp-ws-2-7-5-sources-1-
jar/com/squareup/okhttp/ws/WebSocket.java

1.182 client-java-proto 4.0.0

1.182.1 Available under license :

Apache-2.0

1.183 aws-java-sdk-for-amazon-kinesis 1.11.820

1.183.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance with

* the License. A copy of the License is located at

*

* http://aws.amazon.com/apache2.0

*

* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions

* and limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DescribeApplicationRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ResourceNotFoundException.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/KinesisStreamsInput.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/CloudWatchLoggingOptionDescriptionMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/KinesisStreamsOutput.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/LambdaOutputDescription.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/SequenceNumberRangeJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/DeliveryStreamFailureType.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/DataFormatConversionConfigurationJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/TagDeliveryStreamResultJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/S3DestinationDescription.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/UpdateDestinationResult.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ParquetSerDeJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ApplicationStatus.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/AddApplicationOutputRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/UpdateShardCountRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/RemoveTagsFromStreamRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/LimitExceededException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ResourceNotFoundException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationInputResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/AmazonKinesisAnalyticsClientBuilder.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ElasticsearchDestinationUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ListApplicationsRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/OrcSerDeMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/UpdateDestinationRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/EnableEnhancedMonitoringResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseOutputDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/RecordColumn.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/GetShardIteratorResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/PutRecordBatchRequestProtocolMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/S3Configuration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/BufferingHints.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/DeleteDeliveryStreamResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ReferenceDataSourceDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/S3ReferenceDataSourceDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationInputProcessingConfigurationRequestProtocolMarshaller.java
*

/opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/AmazonKinesisFirehoseAsyncClientBuilder.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/DeleteApplicationResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/RemoveTagsFromStreamResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputProcessingConfigurationDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/CreateApplicationRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ListStreamConsumersRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/AddTagsToStreamRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/InvalidKMSResourceException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DiscoverInputSchemaRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/RedshiftDestinationUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/SplunkDestinationDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/GetRecordsResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/OutputUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ElasticsearchDestinationConfiguration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/OpenXJsonSerDeJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/S3ReferenceDataSourceJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/KinesisFirehoseInput.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ListStreamsResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/CreateApplicationRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/PutRecordsRequestEntryMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/CompressionFormat.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-

jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseInputDescriptionMarshaller.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/CodeValidationExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/UpdateApplicationRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/InputJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/TagDeliveryStreamResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/EnableEnhancedMonitoringResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/S3DestinationConfiguration.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/InputDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/UpdateDestinationResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/AmazonKinesisFirehoseAsyncClient.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/CloudWatchLoggingOptions.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/TagMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/ElasticsearchDestinationConfigurationMarshaller.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/StopDeliveryStreamEncryptionRequestMarshaller.jav
a
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/StreamDescriptionSummary.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/DeregisterStreamConsumerResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/EncryptionConfigurationJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/GetShardIteratorRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/AddApplicationInputProcessingConfigurationRequest.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/KinesisFirehoseOutputUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/DataFormatConversionConfiguration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/InputSchemaUpdate.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ListTagsForResourceResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/PutRecordsRequestProtocolMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ListStreamConsumersResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputLambdaProcessorMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/DeleteDeliveryStreamResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/StreamDescriptionSummaryJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsInputMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/KMSDisabledExceptionUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/StreamDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/DiscoverInputSchemaResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/RecordColumnMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/KinesisStreamSourceDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationInputProcessingConfigurationRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ApplicationDetailJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/SplunkS3BackupMode.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/UnableToDetectSchemaExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationCloudWatchLoggingOptionRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ExpiredNextTokenException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/UntagDeliveryStreamRequest.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/StreamStatus.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/AddTagsToStreamResultJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/StartStreamEncryptionResult.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ReferenceDataSourceUpdateMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/BufferingHintsMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/AddApplicationInputRequest.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/GetShardIteratorRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ConcurrentModificationExceptionUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsOutputDescriptionMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationOutputResultJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ListTagsForStreamResult.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseInputUpdateJsonUnmarshaller.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputLambdaProcessorUpdateJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/LambdaOutputDescriptionMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/KMSNotFoundException.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/AddTagsToStreamRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/UpdateDestinationRequestMarshaller.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/DeliveryStreamEncryptionConfigurationInputMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/DescribeDeliveryStreamRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ConcurrentModificationException.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ConsumerJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/RecordJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/TagResourceRequest.java

*

/opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/StartDeliveryStreamEncryptionRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/Input.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/UntagResourceResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/KinesisFirehoseOutput.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ElasticsearchDestinationDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ReferenceDataSourceUpdateJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InputProcessingConfiguration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DestinationSchemaMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InputParallelism.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/GetRecordsRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputProcessingConfigurationMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ExtendedS3DestinationConfiguration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/S3DestinationDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationOutputResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/AddApplicationOutputResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/RecordMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/DescribeStreamResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/DestinationDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/CloudWatchLoggingOptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/CreateStreamRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ListStreamsRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-

jar/com/amazonaws/services/kinesisfirehose/model/transform/InvalidKMSResourceExceptionUnmarshaller.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/TagMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/Tag.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/ElasticsearchDestinationDescriptionJsonUnmarshaller
.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/UnsupportedOperationExceptionUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/S3BackupMode.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationInputProcessingConfigurationReques
tProtocolMarshaller.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsInputDescriptionMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/TooManyTagsExceptionUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/DeleteStreamRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/KMSOptInRequiredException.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseOutputMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/UpdateApplicationResult.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/ExtendedS3DestinationUpdate.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/Serializer.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/DeliveryStreamDescription.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/DescribeStreamResultJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/DescribeStreamRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/VpcConfigurationDescription.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsOutputMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/ShardJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-

jar/com/amazonaws/services/kinesisanalytics/model/ServiceUnavailableException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseInputDescriptionJsonUnmarshaller.ja
va
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/FailureDescriptionMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/SplunkRetryOptionsJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/StopDeliveryStreamEncryptionRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/waiters/StreamExists.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/S3DestinationConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/ListShardsResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/ListTagsForStreamRequestMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/InputProcessingConfigurationDescriptionMarshaller.
java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/SplitShardResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/DescribeApplicationRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/LimitExceededExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/VpcConfigurationDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/DeleteApplicationOutputRequest.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationInputProcessingConfigurationResu
ltJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/PutRecordsRequestEntryJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/ConsumerMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/StartApplicationRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/DescribeDeliveryStreamResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/InvalidApplicationConfigurationExceptionUnmarsha

ller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/UpdateApplicationRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/ListTagsForResourceRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/DecreaseStreamRetentionPeriodRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/StartDeliveryStreamEncryptionRequestProtocolMars
haller.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/JSONMappingParametersMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/LambdaOutputUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsOutputUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/DecreaseStreamRetentionPeriodResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/SplunkDestinationUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/OutputMarshaller.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/PutRecordsRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/DescribeApplicationResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/SchemaConfiguration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/AbstractAmazonKinesisFirehose.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/ExpiredIteratorExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/UpdateApplicationResultJsonUnmarshaller.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/KinesisStreamsInputDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/ListApplicationsResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/PutRecordsResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/PutRecordBatchResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/MergeShardsRequestMarshaller.java
*

/opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/MetricsName.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/TagResourceRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/HashKeyRangeJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ResourceInUseException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/DeleteDeliveryStreamRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/PutRecordResult.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ApplicationDetail.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/PutRecordsResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/DescribeStreamSummaryRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ReferenceDataSourceDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ResourceInUseExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/AddApplicationReferenceDataSourceRequest.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/LambdaOutputDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputStartingPositionConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ListStreamConsumersResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/DeliveryStreamEncryptionStatus.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/SplunkRetryOptions.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/StartDeliveryStreamEncryptionRequestMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ElasticsearchDestinationUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/CreateApplicationResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ConsumerStatus.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-

jar/com/amazonaws/services/kinesis/model/transform/SequenceNumberRangeMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/OutputDescription.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/DisableEnhancedMonitoringRequest.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationOutputRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ReferenceDataSourceUpdate.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ListDeliveryStreamsResultJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ListStreamsRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ListShardsResultJsonUnmarshaller.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ResourceInUseException.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/StopApplicationRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/PutRecordBatchResponseEntryMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseOutputDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/Deserializer.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ApplicationUpdate.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ElasticsearchBufferingHintsMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputProcessingConfigurationUpdateMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/StopDeliveryStreamEncryptionRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/GetShardIteratorRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DeleteStreamRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ProcessorType.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ConcurrentModificationExceptionUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/RedshiftDestinationConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/CreateDeliveryStreamRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/OutputFormatConfiguration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/NoEncryptionConfig.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ListDeliveryStreamsResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/SplunkDestinationConfigurationJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/RecordJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/IncreaseStreamRetentionPeriodResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/KinesisStreamsOutputDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/CreateStreamRequest.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ConsumerDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputLambdaProcessorUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/AbstractAmazonKinesisFirehoseAsync.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ListTagsForStreamResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/SourceSchemaJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/CloudWatchLoggingOption.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/TagJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/SplunkDestinationConfiguration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/AmazonKinesisAsync.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/RegisterStreamConsumerRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/VpcConfigurationJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsOutputUpdateMarshaller.java

*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/DeleteStreamRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/AddApplicationInputResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputParallelismJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputLambdaProcessorJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/RemoveTagsFromStreamRequestMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/StopApplicationRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ListTagsForDeliveryStreamResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/package-info.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ElasticsearchDestinationUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InputParallelismUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DescribeStreamRequestMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/KinesisStreamSourceConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/SplitShardRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/SourceSchemaMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/DescribeStreamSummaryResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/TooManyTagsException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/TagResourceResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/SplunkDestinationConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ExtendedS3DestinationConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/RedshiftDestinationDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/HiveJsonSerDeJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-

jar/com/amazonaws/services/kinesisanalytics/model/transform/RecordColumnJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/IncreaseStreamRetentionPeriodRequestProtocolMarshaller.ja
va
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/DescribeDeliveryStreamRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/VpcConfigurationDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/CreateApplicationRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/DisableEnhancedMonitoringResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationOutputRequestMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/RegisterStreamConsumerResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/CloudWatchLoggingOptionUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/StartStreamEncryptionRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/ResourceProvisionedThroughputExceededException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/ElasticsearchBufferingHints.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/MergeShardsRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/AmazonKinesisFirehoseClient.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/AmazonKinesisAnalyticsAsyncClientBuilder.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/RecordFormatMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/IncreaseStreamRetentionPeriodRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/AmazonKinesis.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/ListTagsForResourceRequest.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/InputProcessingConfigurationDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/DiscoverInputSchemaRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/DescribeApplicationRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/AddApplicationInputProcessingConfigurationResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputLambdaProcessorDescriptionJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ServiceUnavailableExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/KMSEncryptionConfigJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/RedshiftRetryOptions.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/PutRecordBatchResponseEntry.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationCloudWatchLoggingOptionResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ShardIteratorType.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/OutputDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ListShardsRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ListTagsForResourceResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/UpdateApplicationRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/MergeShardsResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationReferenceDataSourceResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/GetRecordsResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/IncreaseStreamRetentionPeriodRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsInputUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputLambdaProcessorDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InputProcessingConfigurationUpdate.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/MappingParameters.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-

jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationResultJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/StreamDescriptionMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/CloudWatchLoggingOptionsJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DiscoverInputSchemaRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseInputUpdateMarshaller.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/PutRecordRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/DataFormatConversionConfigurationMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/LambdaOutput.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InputStartingPosition.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/DeleteApplicationCloudWatchLoggingOptionRequest.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationInputProcessingConfigurationRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/CodeValidationException.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/S3ReferenceDataSourceUpdateMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/FailureDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/KMSOptInRequiredExceptionUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/Tag.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/AmazonKinesisAsyncClient.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ElasticsearchIndexRotationPeriod.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/OutputFormatConfigurationJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/UpdateShardCountResult.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ElasticsearchRetryOptionsMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/SplunkRetryOptionsMarshaller.java

*

/opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/DescribeLimitsResult.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/SplitShardResult.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/DescribeDeliveryStreamResult.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/S3ReferenceDataSourceDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DisableEnhancedMonitoringRequestProtocolMarshaller.java

*

/opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/KinesisFirehoseInputDescription.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/EncryptionConfiguration.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/EnableEnhancedMonitoringRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputProcessingConfigurationJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseInputJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/StartApplicationResultJsonUnmarshaller.java

*

/opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/DescribeDeliveryStreamRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/RedshiftRetryOptionsJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/DestinationSchema.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsOutputJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DeregisterStreamConsumerRequestProtocolMarshaller.java

*

/opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/DecreaseStreamRetentionPeriodRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/PutRecordRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/RegisterStreamConsumerRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/RemoveTagsFromStreamRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/OpenXJsonSerDe.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-

jar/com/amazonaws/services/kinesisfirehose/model/S3DestinationUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/StopApplicationResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/SplitShardRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/PutRecordBatchRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/Record.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationCloudWatchLoggingOptionRequestP
rotocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/HECEndpointType.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/InputFormatConfiguration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/InputDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/ResourceProvisionedThroughputExceededException
Unmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/RecordFormatType.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/DescribeStreamSummaryResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsInputDescriptionJsonUnmarshaller.ja
va
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/MergeShardsResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/StartApplicationRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/LambdaOutputMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/LambdaOutputUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/S3ReferenceDataSource.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/RedshiftDestinationDescriptionJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationOutputRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/ListTagsForDeliveryStreamRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/CloudWatchLoggingOptionUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ProvisionedThroughputExceededException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DecreaseStreamRetentionPeriodRequestProtocolMarshaller.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ServiceUnavailableExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/RedshiftDestinationDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/AmazonKinesisAnalyticsAsyncClient.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ListApplicationsRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/TagDeliveryStreamRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/UntagDeliveryStreamRequestProtocolMarshaller.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/LambdaOutputJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/LimitExceededExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DeregisterStreamConsumerResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/PutRecordsResultEntry.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/UntagDeliveryStreamResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DescribeStreamConsumerResultJsonUnmarshaller.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/TagResourceRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/CSVMappingParameters.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/LimitExceededException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/KinesisStreamsInputUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/waiters/StreamNotExists.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/GetRecordsRequest.java
*

/opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/InputFormatConfigurationJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ListTagsForStreamRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/DeleteApplicationInputProcessingConfigurationRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ListStreamConsumersRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/DeleteApplicationReferenceDataSourceResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/RedshiftRetryOptionsMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/BufferingHintsJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsInputJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/EnableEnhancedMonitoringRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/SourceDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ElasticsearchRetryOptionsJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/KMSNotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationCloudWatchLoggingOptionResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/IncreaseStreamRetentionPeriodResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/SplunkDestinationDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ResourceInUseException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/DeleteApplicationOutputResult.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/DescribeLimitsRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/CreateStreamResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DescribeLimitsRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/TagDeliveryStreamRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InvalidArgumentException.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/SourceDescription.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/CreateStreamRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/AmazonKinesisClient.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputSchemaUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationInputRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationReferenceDataSourceRequestMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/PutRecordRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/HashKeyRangeMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/OutputUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InputLambdaProcessorUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/AddApplicationReferenceDataSourceResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ResourceInUseExceptionUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/AbstractAmazonKinesisAnalyticsAsync.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/EnhancedMetricsMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ListDeliveryStreamsRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/AmazonKinesisAnalyticsAsync.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/AbstractAmazonKinesis.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/AmazonKinesisFirehoseClientBuilder.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/AmazonKinesisException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/PutRecordBatchResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/SerializerJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-

jar/com/amazonaws/services/kinesisfirehose/model/transform/SchemaConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/ProvisionedThroughputExceededExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/InputUpdate.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/UntagResourceRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/KinesisStreamsOutputUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/ReferenceDataSourceJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/KMSDisabledException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/InvalidArgumentExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/ProcessorParameter.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/DeliveryStreamEncryptionConfigurationJsonUnmars
haller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseOutputUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/EnableEnhancedMonitoringRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/SplunkDestinationUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/GetRecordsRequestMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/UntagResourceResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/DescribeStreamConsumerResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/S3DestinationConfigurationJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/DescribeStreamConsumerRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/ElasticsearchDestinationDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/S3ConfigurationJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/DeregisterStreamConsumerRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/AbstractAmazonKinesisAsync.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DeleteStreamResultJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationReferenceDataSourceRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InputConfiguration.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/CSVMappingParametersJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/CSVMappingParametersMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/CloudWatchLoggingOptionDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/StartStreamEncryptionRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/package-info.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ListShardsRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/waiters/AmazonKinesisWaiters.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ConsumerDescription.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ExtendedS3DestinationDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/UpdateShardCountResultJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsInputUpdateJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/CreateApplicationResultJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/KMSThrottlingException.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/SplitShardRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/AmazonKinesisAnalytics.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/StopStreamEncryptionRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/CloudWatchLoggingOptionDescription.java

*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/MappingParametersJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InputStartingPositionConfiguration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/GetShardIteratorResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ReferenceDataSourceDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/AmazonKinesisAnalyticsClient.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/StopApplicationResult.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ElasticsearchDestinationConfigurationJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ListStreamConsumersRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ConsumerDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationCloudWatchLoggingOptionRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/PutRecordResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ExpiredNextTokenExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/JSONMappingParametersJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DescribeStreamRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/KMSEncryptionConfigMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ListDeliveryStreamsRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/KMSEncryptionConfig.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/S3DestinationUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ListApplicationsRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/EnhancedMetrics.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/Tag.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ResourceNotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/LambdaOutputUpdateMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/RegisterStreamConsumerResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/DeleteDeliveryStreamRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/KMSInvalidStateException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/StopApplicationRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/AmazonKinesisClientBuilder.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/StopStreamEncryptionRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DescribeStreamSummaryRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/PutRecordBatchResponseEntryJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/FailureDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/AddApplicationCloudWatchLoggingOptionRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputUpdateJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ElasticsearchRetryOptions.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/PutRecordsResultEntryJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InvalidApplicationConfigurationException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InputLambdaProcessor.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/DeserializerJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ListTagsForDeliveryStreamResult.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/HiveJsonSerDe.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/RedshiftDestinationUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/UntagResourceRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ParquetSerDeMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/OutputFormatConfigurationMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/SourceSchema.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/KinesisFirehoseOutputDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/HashKeyRange.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/OrcSerDeJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/S3ReferenceDataSourceMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ExtendedS3DestinationUpdateMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/StreamDescriptionSummaryMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/Shard.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ListTagsForDeliveryStreamRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/DeleteApplicationRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/waiters/DescribeStreamFunction.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/MappingParametersMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ListStreamsResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/RedshiftDestinationConfiguration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/StartStreamEncryptionRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/TagJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseOutputUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/InvalidArgumentExceptionUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DiscoverInputSchemaResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-

jar/com/amazonaws/services/kinesisfirehose/model/KinesisStreamSourceConfiguration.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/KMSAccessDeniedException.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/ListShardsRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/ApplicationDetailMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/CreateDeliveryStreamResult.java

*

/opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/ExtendedS3DestinationUpdateJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/DescribeLimitsRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/S3DestinationDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/DestinationDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/KMSThrottlingExceptionUnmarshaller.java

*

/opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/CloudWatchLoggingOptionsMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/OutputJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/OrcFormatVersion.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/CreateDeliveryStreamResultJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/RecordFormatJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/DisableEnhancedMonitoringResult.java

*

/opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/DescribeLimitsResultJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/CopyCommand.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationOutputRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/ResourceNotFoundExceptionUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/StopStreamEncryptionResult.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/StartDeliveryStreamEncryptionResultJsonUnmarshaller.java

*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ExtendedS3DestinationConfigurationJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/SchemaConfigurationJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/SerializerMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/DeleteApplicationInputProcessingConfigurationResult.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/StopDeliveryStreamEncryptionResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ProcessorParameterName.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/SequenceNumberRange.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/KinesisStreamSourceDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ProcessorParameterJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/PutRecordRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/TagResourceResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/UpdateDestinationRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/KinesisFirehoseInputUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/PutRecordResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/CopyCommandJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/S3ReferenceDataSourceUpdate.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/AmazonKinesisAsyncClientBuilder.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DisableEnhancedMonitoringRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseInputMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/StreamDescription.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/DeliveryStreamEncryptionConfiguration.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/package-info.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/InvalidArgumentException.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/AbstractAmazonKinesisAnalytics.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/StopStreamEncryptionRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/RedshiftDestinationUpdateJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/UnsupportedOperationException.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/KeyType.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/KinesisStreamSourceConfigurationJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/S3ReferenceDataSourceDescriptionMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DescribeStreamSummaryRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/OrcCompression.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ElasticsearchBufferingHintsJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/KinesisStreamSourceDescriptionJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ListDeliveryStreamsRequest.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/EncryptionConfigurationMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/AddApplicationCloudWatchLoggingOptionResult.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/AmazonKinesisFirehoseException.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ReferenceDataSourceMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisFirehoseOutputJsonUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/S3ConfigurationMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationInputProcessingConfigurationResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/Processor.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/AmazonKinesisAnalyticsException.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/KMSAccessDeniedExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ApplicationSummaryJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/DeregisterStreamConsumerRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/CopyCommandMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/DeleteDeliveryStreamRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputParallelismUpdateMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ProcessorParameterMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/AmazonKinesisFirehose.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputProcessingConfigurationUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DescribeApplicationResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ProcessingConfiguration.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/VpcConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/OpenXJsonSerDeMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ProcessingConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/Record.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ResourceNotFoundException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/LimitExceededException.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ProcessorMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/UntagResourceRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputParallelismUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ParquetCompression.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ScalingType.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/DeliveryStreamStatus.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/InvalidArgumentException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ApplicationSummary.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/StartApplicationRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/InvalidArgumentExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/DeliveryStreamEncryptionConfigurationInput.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/StopStreamEncryptionResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/UpdateShardCountRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputSchemaUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ElasticsearchS3BackupMode.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/KinesisStreamsOutputDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/JSONMappingParameters.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ProcessorJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ShardMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ApplicationUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/HiveJsonSerDeMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/PutRecordsResultEntryMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputParallelismMarshaller.java

*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/RedshiftS3BackupMode.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ServiceUnavailableException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationReferenceDataSourceRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/AddTagsToStreamRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/ListTagsForStreamRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/CloudWatchLoggingOptionUpdateJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/RegisterStreamConsumerRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/DeleteStreamResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/PutRecordBatchRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/PutRecordsRequestEntry.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/EnhancedMetricsJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/DeliveryStreamType.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/DeleteApplicationCloudWatchLoggingOptionResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationReferenceDataSourceResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/UnableToDetectSchemaException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/PutRecordResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/TagDeliveryStreamRequestProtocolMarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationCloudWatchLoggingOptionRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/RecordFormat.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/ExpiredIteratorException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ProcessingConfigurationJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/InputConfigurationJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ReferenceDataSource.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ParquetSerDe.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/DeliveryStreamEncryptionConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/S3DestinationUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ApplicationSummaryMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/StartDeliveryStreamEncryptionResult.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/DecreaseStreamRetentionPeriodResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DestinationSchemaJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/DeleteApplicationReferenceDataSourceRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/SplunkDestinationDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/StartStreamEncryptionResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/ListApplicationsResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/CloudWatchLoggingOptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/OutputDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/RemoveTagsFromStreamResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/ApplicationUpdateMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/AddTagsToStreamResult.java
*
 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ParquetWriterVersion.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ResourceNotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ConcurrentModificationException.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/S3ReferenceDataSourceUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/UpdateShardCountRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/PutRecordRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/Consumer.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/OrcSerDe.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/RedshiftDestinationConfigurationJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/transform/DescribeStreamConsumerRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/ExtendedS3DestinationDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/SplunkDestinationUpdateJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/transform/TagJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesis/model/CreateStreamResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/CreateDeliveryStreamRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/ExtendedS3DestinationDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/UntagDeliveryStreamRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/VpcConfiguration.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/UntagDeliveryStreamResultJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/DeliveryStreamDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisfirehose/model/transform/InputFormatConfigurationMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-jar/com/amazonaws/services/kinesisanalytics/model/InputLambdaProcessorDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-

jar/com/amazonaws/services/kinesisfirehose/model/PutRecordRequest.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/StartApplicationResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/DestinationDescriptionMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/SourceDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/DeliveryStreamEncryptionConfigurationInputJsonUn
marshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/InputDescription.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/Output.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/InputStartingPositionConfigurationJsonUnmarshaller
.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/ListTagsForDeliveryStreamRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/StopDeliveryStreamEncryptionResult.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/TagMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/ResourceInUseExceptionUnmarshaller.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/ListStreamsRequestMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/DeserializerMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/DeleteApplicationReferenceDataSourceRequest.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/DeliveryStreamDescriptionJsonUnmarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/RecordMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisfirehose/model/transform/CreateDeliveryStreamRequestMarshaller.java
*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/OutputUpdate.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/EncryptionType.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/ListTagsForResourceRequestProtocolMarshaller.java
* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-

jar/com/amazonaws/services/kinesisfirehose/AmazonKinesisFirehoseAsync.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/DescribeStreamConsumerRequestProtocolMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesisanalytics/model/transform/AddApplicationInputRequestProtocolMarshaller.java

*

 /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/LimitExceededExceptionUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/KMSInvalidStateExceptionUnmarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/PutRecordsRequestMarshaller.java

* /opt/cola/permits/1294102241_1649201948.85/0/aws-java-sdk-kinesis-1-11-820-sources-
jar/com/amazonaws/services/kinesis/model/transform/MergeShardsRequestProtocolMarshaller.java

1.184 aws-java-sdk-for-aws-kms 1.11.820

1.184.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.

*

* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance with

* the License. A copy of the License is located at

*

* http://aws.amazon.com/apache2.0

*

* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions

* and limitations under the License.

*/

Found in path(s):

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/GetKeyRotationStatusRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/DisableKeyRotationResult.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/DeleteAliasRequestMarshaller.java

*

 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/ListGrantsResultJsonUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-

jar/com/amazonaws/services/kms/model/transform/ScheduleKeyDeletionRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/ScheduleKeyDeletionResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterNotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/DisableKeyResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/ListRetirableGrantsRequestMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/GenerateDataKeyPairResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/ListAliasesRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/DisableKeyRotationRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/DescribeCustomKeyStoresRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/KeyMetadataJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairRequestMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/AlreadyExistsException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/NotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/ListKeyPoliciesResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/ListAliasesResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/CustomerMasterKeySpec.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/KeyListEntry.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/DependencyTimeoutExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/DisableKeyResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/RetireGrantResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/CustomKeyStoresListEntry.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/CancelKeyDeletionResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/DescribeKeyRequestProtocolMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/InvalidImportTokenException.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GetPublicKeyResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CustomKeyStoreHasCMKsException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DecryptRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/SignRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/InvalidGrantTokenException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/LimitExceededException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DescribeKeyRequestMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/KeyListEntryJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CustomKeyStoresListEntryJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CancelKeyDeletionRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ListGrantsRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListResourceTagsRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyWithoutPlaintextRequestMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CustomKeyStoreHasCMKsExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairWithoutPlaintextRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/UntagResourceResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyPairWithoutPlaintextRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/InvalidCiphertextException.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ReEncryptResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/SignResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CreateAliasRequestMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/TagResourceResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/EnableKeyRotationRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/InvalidKeyUsageException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/IncorrectKeyExceptionUnmarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/InvalidCiphertextExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GetKeyPolicyRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairWithoutPlaintextRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GetKeyPolicyRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ReEncryptRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GetPublicKeyRequestProtocolMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GetKeyRotationStatusRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/KeyUnavailableException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListKeysRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/EnableKeyRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/SignRequestProtocolMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CloudHsmClusterInUseException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/UpdateCustomKeyStoreRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/TagResourceRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ListRetirableGrantsRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/EnableKeyRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/AlreadyExistsExceptionUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DeleteCustomKeyStoreRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyPairRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DescribeKeyRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/InvalidAliasNameExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DeleteAliasResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/InvalidGrantTokenExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DisableKeyRotationRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GetKeyPolicyRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GrantListEntry.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CustomKeyStoreNotFoundException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/InvalidMarkerException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DeleteAliasResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DescribeKeyResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/EnableKeyRotationResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ListResourceTagsRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/EnableKeyRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GrantConstraintsMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListRetirableGrantsResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ImportKeyMaterialRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/KMSInvalidSignatureExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/MalformedPolicyDocumentException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/EncryptResultJsonUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CreateAliasRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/InvalidArnExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/EncryptRequestProtocolMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/KMSInternalExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GetParametersForImportRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListAliasesRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/AbstractAWSKMS.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CreateAliasResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CreateKeyRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DeleteImportedKeyMaterialRequestMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/UpdateKeyDescriptionRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DecryptRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/PutKeyPolicyResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/EnableKeyResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DisableKeyRequestMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DecryptRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/package-info.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ListAliasesResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/KeyUsageType.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyWithoutPlaintextRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CreateGrantRequestMarshaller.java
*

/opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CustomKeyStoreNotFoundExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/KeyMetadata.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/KeyMetadataMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/RetireGrantRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/KeyManagerType.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ConnectCustomKeyStoreRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DescribeCustomKeyStoresResult.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/RetireGrantResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/WrappingKeySpec.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterInUseExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/MessageType.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/UpdateKeyDescriptionResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListKeyPoliciesRequestProtocolMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/UntagResourceRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/EnableKeyRotationRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ScheduleKeyDeletionRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DecryptResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CustomKeyStoreInvalidStateExceptionUnmarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ImportKeyMaterialRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CreateCustomKeyStoreResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CloudHsmClusterNotActiveException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-

jar/com/amazonaws/services/kms/model/AWSKMSException.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListRetirableGrantsRequestProtocolMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CreateCustomKeyStoreResultJsonUnmarshaller.java

*

 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DescribeCustomKeyStoresRequestProtocolMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/AWSKMSAsyncClient.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/IncorrectKeyMaterialExceptionUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ListKeyPoliciesRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/AWSKMSAsync.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/TagException.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CreateKeyResultJsonUnmarshaller.java

*

 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/AWSKMSClientBuilder.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/UpdateAliasResultJsonUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListResourceTagsResultJsonUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GetPublicKeyResult.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyWithoutPlaintextResult.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListKeysRequestMarshaller.java

*

 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ListResourceTagsResult.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/AWSKMS.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CustomKeyStoreNameInUseException.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/KeyState.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DisableKeyRotationResultJsonUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CancelKeyDeletionRequestMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/TagExceptionUnmarshaller.java

*
/opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DescribeCustomKeyStoresResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DependencyTimeoutException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/PutKeyPolicyResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/TagMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CustomKeyStoreNameInUseExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CreateGrantResultJsonUnmarshaller.java
*
/opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ExpiredImportTokenException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/KeyUnavailableExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/EncryptionAlgorithmSpec.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/VerifyResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GetPublicKeyRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/SignResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/UpdateAliasResult.java
*
/opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CreateCustomKeyStoreRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/UpdateKeyDescriptionRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/EnableKeyResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/KMSInvalidStateException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/UpdateCustomKeyStoreRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/AliasListEntry.java
*
/opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/UpdateAliasRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ScheduleKeyDeletionRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/IncorrectTrustAnchorExceptionUnmarshaller.java

---

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ListAliasesRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/EncryptRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CloudHsmClusterNotRelatedException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListKeyPoliciesRequestMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GetKeyPolicyResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/IncorrectTrustAnchorException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CustomKeyStoreInvalidStateException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/OriginType.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/TagResourceRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListKeysResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/KMSInternalException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/RevokeGrantResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/SignRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CreateGrantRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/UpdateCustomKeyStoreRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/AbstractAWSKMSAsync.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/PutKeyPolicyRequestMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DisableKeyRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DisableKeyRotationRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/UntagResourceRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DataKeySpec.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/UpdateKeyDescriptionResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-

jar/com/amazonaws/services/kms/model/CloudHsmClusterInvalidConfigurationException.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/SigningAlgorithmSpec.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/GetParametersForImportRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/UpdateCustomKeyStoreResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/VerifyRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterInvalidConfigurationExceptionUnmarshaller.j
ava
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/ReEncryptRequestProtocolMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/EnableKeyRotationResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/ConnectionStateType.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/InvalidImportTokenExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/NotFoundException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/DecryptResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/UpdateCustomKeyStoreResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/ExpiredImportTokenExceptionUnmarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/PutKeyPolicyRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/DescribeCustomKeyStoresRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/AliasListEntryMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateRandomRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterNotRelatedExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/VerifyRequestMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/PutKeyPolicyRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/InvalidAliasNameException.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CreateKeyResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ReEncryptRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ExpirationModelType.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/RevokeGrantResult.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/RetireGrantRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GetParametersForImportRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListGrantsRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/EncryptRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GrantListEntryMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/EncryptResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CreateGrantRequestProtocolMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ImportKeyMaterialResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DeleteImportedKeyMaterialRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DeleteCustomKeyStoreResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/TagJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GetKeyRotationStatusResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DescribeKeyResult.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GenerateRandomRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CloudHsmClusterNotFoundException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListResourceTagsRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/UnsupportedOperationException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DataKeyPairSpec.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-

jar/com/amazonaws/services/kms/model/DisabledException.java

*

 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairRequestProtocolMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/KeyListEntryMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/CreateKeyRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/InvalidGrantIdExceptionUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/GrantOperation.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/RevokeGrantRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/GetParametersForImportResultJsonUnmarshaller.java

*

 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/UntagResourceRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/DeleteImportedKeyMaterialResultJsonUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/EnableKeyRotationRequestProtocolMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/DeleteAliasRequestProtocolMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/RevokeGrantRequestProtocolMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/ListKeysResult.java

*

 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/DeleteImportedKeyMaterialResult.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/GetKeyRotationStatusRequestProtocolMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/DeleteCustomKeyStoreResultJsonUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/GenerateRandomResult.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/ListGrantsResult.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterNotActiveExceptionUnmarshaller.java

*

 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/ConnectCustomKeyStoreRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/MalformedPolicyDocumentExceptionUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-

jar/com/amazonaws/services/kms/model/Tag.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CustomKeyStoresListEntryMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/VerifyRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/UpdateAliasRequestMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ConnectCustomKeyStoreResult.java

*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GetKeyRotationStatusResult.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/UpdateAliasRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/CreateCustomKeyStoreRequestProtocolMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ConnectCustomKeyStoreRequestMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DisconnectCustomKeyStoreRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ImportKeyMaterialResult.java

*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DeleteImportedKeyMaterialRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/KMSInvalidStateExceptionUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyWithoutPlaintextResultJsonUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GetParametersForImportResult.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ScheduleKeyDeletionResultJsonUnmarshaller.java

*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ListRetirableGrantsResult.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ReEncryptResultJsonUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/UntagResourceResult.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/ImportKeyMaterialRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/InvalidGrantIdException.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ConnectCustomKeyStoreResultJsonUnmarshaller.java

*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/IncorrectKeyException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyWithoutPlaintextRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DisableKeyRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/ListGrantsRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DisconnectCustomKeyStoreResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CancelKeyDeletionRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DeleteCustomKeyStoreRequestProtocolMarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/GrantConstraints.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/GetPublicKeyRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/TagResourceRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/IncorrectKeyMaterialException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/CreateAliasRequest.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/AWSKMSAsyncClientBuilder.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/TagResourceResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DisconnectCustomKeyStoreRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/DisconnectCustomKeyStoreResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/DisabledExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/InvalidArnException.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/UpdateKeyDescriptionRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-jar/com/amazonaws/services/kms/model/transform/RetireGrantRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-

jar/com/amazonaws/services/kms/model/transform/UnsupportedOperationExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/InvalidKeyUsageExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/LimitExceededExceptionUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/InvalidMarkerExceptionUnmarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/ListKeysRequest.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/VerifyResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/CancelKeyDeletionResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/ConnectionErrorCodeType.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/AWSKMSClient.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/CreateGrantResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairWithoutPlaintextResultJsonUnmarshaller.j
ava
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/DisconnectCustomKeyStoreRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/AlgorithmSpec.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateRandomResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/ListKeyPoliciesResultJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/CreateAliasResultJsonUnmarshaller.java
*
 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/KMSInvalidSignatureException.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/GrantConstraintsJsonUnmarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/CreateCustomKeyStoreRequestMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/CreateKeyRequestProtocolMarshaller.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/GenerateDataKeyPairWithoutPlaintextResult.java
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-

jar/com/amazonaws/services/kms/model/GetKeyPolicyResult.java

*

 /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/DeleteAliasRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/GenerateRandomRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/RevokeGrantRequestMarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/DeleteCustomKeyStoreRequest.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/AliasListEntryJsonUnmarshaller.java

* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/services/kms/model/transform/GrantListEntryJsonUnmarshaller.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2011-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance
with
* the License. A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102553_1649201059.25/0/aws-java-sdk-kms-1-11-820-sources-
jar/com/amazonaws/auth/policy/actions/KMSActions.java

1.185 jackson-datatype-jdk8 2.11.3

1.185.1 Available under license :

Apache-2.0

1.186 square-retrofit 1.9.0

1.186.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2014 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/QueryMap.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/PartMap.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/Streaming.java
*
 /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/FieldMap.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/EncodedQueryMap.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2008 Google Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/Types.java
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright (C) 2011 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*      http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/Body.java
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright (C) 2010 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*      http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/mime/TypedFile.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/mime/TypedByteArray.java
No license file was found, but licenses were detected in source scan.

```
/*
* Copyright (C) 2012 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
```

*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/RetrofitError.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-
jar/retrofit/converter/GsonConverter.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/RequestBuilder.java
*
 /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/CallbackRunnable.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/client/Header.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/RestAdapter.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/Profiler.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/Callback.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/converter/Converter.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2013 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/PUT.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-
jar/retrofit/android/MainThreadExecutor.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/PATCH.java
*
 /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/HEAD.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/Headers.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/client/ApacheClient.java

* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/mime/MimeUtil.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/Query.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/EncodedQuery.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/client/Request.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/mime/TypedOutput.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/FormUrlEncoded.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/Platform.java
*
 /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/client/OkClient.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/Part.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/client/Response.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/Path.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/mime/MultipartTypedOutput.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/Header.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/RestMethodInfo.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/mime/TypedInput.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/GET.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/converter/ConversionException.java
*
 /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/android/AndroidApacheClient.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/client/UrlConnectionClient.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/ResponseCallback.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/ResponseWrapper.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/EncodedPath.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/RestMethod.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/POST.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/client/Client.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/Multipart.java
*
 /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/mime/FormUrlEncodedTypedOutput.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/DELETE.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/http/Field.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/ErrorHandler.java
* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/mime/TypedString.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2012 Square, Inc.
* Copyright (C) 2007 The Guava Authors
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at

```
*
*    http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

Found in path(s):

* /opt/cola/permits/1294102325_1649200269.03/0/retrofit-1-9-0-sources-1-jar/retrofit/Utils.java

1.187 sundrio-code-generation 0.9.2

1.187.1 Available under license :

Apache Velocity

Copyright (C) 2000-2007 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or
(iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity

exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from)
the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication
on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,

publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant
of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as
of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained
within such NOTICE file, excluding those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and

wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own
copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names
of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law
(such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the

Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your
sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions

to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding

those notices that do not

    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

    You may add Your own copyright statement to Your modifications and
    may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
    for any such Derivative Works as a whole, provided Your use,
    reproduction, and distribution of the Work otherwise complies with
    the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the

content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
 distributed under the License is distributed on an "AS IS" BASIS,
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 See the License for the specific language governing permissions and
 limitations under the License.
Apache Commons Collections
Copyright 2001-2008 The Apache Software Foundation

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).

1.188 okhttp-logging-interceptor 2.7.5
1.188.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* Copyright (C) 2015 Square, Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Found in path(s):
* /opt/cola/permits/1294100890_1649200680.17/0/logging-interceptor-2-7-5-sources-1-
jar/com/squareup/okhttp/logging/HttpLoggingInterceptor.java

1.189 jest-common-jar 0.1.1

1.189.1 Available under license :

No license file was found, but licenses were detected in source scan.

<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>

Found in path(s):
* /opt/cola/permits/1294100410_1648835940.11/0/jest-common-0-1-1-jar/META-INF/maven/io.searchbox/jest-common/pom.xml

1.190 aws-java-sdk 1.11.820

1.190.1 Available under license :

Apache License
Version 2.0, January 2004

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
 including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that

remain separable from, or merely link (or bind by name) to the interfaces of, the Work
 and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom
 a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s)
 with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

  1. You must give any other recipients of the Work or Derivative Works a copy of this License; and
  2. You must cause any modified files to carry prominent notices stating that You changed the files; and
  3. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution
 notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  4. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that

such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any
 Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims
 asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

Note: Other license terms may apply to certain, identified software files contained within or distributed with the accompanying software if such terms are included in the directory containing the accompanying software. Such other license terms will then apply in lieu of the terms of the software license above.
/*
* Copyright 2015-2020 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance with

* the License. A copy of the License is located at

*

* http://aws.amazon.com/apache2.0

*

* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions

* and limitations under the License.

*/

1.191 retrofit-1-okhttp-3-client 1.1.0

1.191.1 Available under license :

No license file was found, but licenses were detected in source scan.

<name>Apache License Version 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>

Found in path(s):
* /opt/cola/permits/1294101484_1648835488.12/0/retrofit1-okhttp3-client-1-1-0-jar/META-INF/maven/com.jakewharton.retrofit/retrofit1-okhttp3-client/pom.xml

1.192 javax.inject:javax.inject 1

1.192.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright (C) 2009 The JSR-330 Expert Group

*

* Licensed under the Apache License, Version 2.0 (the "License");

* you may not use this file except in compliance with the License.

* You may obtain a copy of the License at

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS,

* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

* See the License for the specific language governing permissions and

* limitations under the License.

*/

Found in path(s):
* /opt/cola/permits/1299411403_1650627395.55/0/javax-inject-1-sources-jar/javax/inject/Provider.java

* /opt/cola/permits/1299411403_1650627395.55/0/javax-inject-1-sources-jar/javax/inject/Named.java

* /opt/cola/permits/1299411403_1650627395.55/0/javax-inject-1-sources-jar/javax/inject/Qualifier.java

*

 /opt/cola/permits/1299411403_1650627395.55/0/javax-inject-1-sources-jar/javax/inject/Inject.java

* /opt/cola/permits/1299411403_1650627395.55/0/javax-inject-1-sources-jar/javax/inject/package-info.java

* /opt/cola/permits/1299411403_1650627395.55/0/javax-inject-1-sources-jar/javax/inject/Scope.java

* /opt/cola/permits/1299411403_1650627395.55/0/javax-inject-1-sources-jar/javax/inject/Singleton.java

1.193 throttling-appender 1.1.3

1.193.1 Available under license :

Checker Framework qualifiers

Copyright 2004-present by the Checker Framework developers

MIT License:

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT,
 TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

1.194 dropwizard-lifecycle-support 2.0.25

1.194.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted"

means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding
those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

  You may add Your own copyright statement to Your modifications and
  may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
  for any such Derivative Works as a whole, provided Your use,
  reproduction, and distribution of the Work otherwise complies with
  the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each

Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2020 Dropwizard Team

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.
 You may obtain a copy of
 the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
 distributed under the License is distributed on an "AS IS" BASIS,
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 See the License for the specific language governing permissions and
 limitations under the License.

1.195 jersey-core-server 2.35
1.195.1 Available under license :

Notice for Jersey
This content is produced and maintained by the Eclipse Jersey project.

* Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Angular JS, v1.6.6
* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org
* Coyright: (c) 2010-2017 Google, Inc.

aopalliance Version 1
* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net
* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2
* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/
* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap
 v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4

* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3
* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
*
 Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public
domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)
* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright
 (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology,
Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Notice for Jersey Core Server module
This content is produced and maintained by the Eclipse Jersey project.

* https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright: (c) 2000-2011 INRIA, France Telecom. All rights reserved.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Eclipse Public License - v 2.0

   THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
   PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
   OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

 1. DEFINITIONS

"Contribution" means:

  a) in the case of the initial Contributor, the initial content
     Distributed under this Agreement, and

  b) in the case of each subsequent Contributor:
     i) changes to the Program, and
     ii) additions to the Program;
  where such changes and/or additions to the Program originate from
  and are Distributed by that particular Contributor. A Contribution
  "originates" from a Contributor if it was added to the Program by
  such Contributor itself or anyone acting on such Contributor's behalf.
  Contributions do not include changes or additions to the Program that
  are not Modified Works.

  "Contributor" means any person or entity
that Distributes the Program.

  "Licensed Patents" mean patent claims licensable by a Contributor which
  are necessarily infringed by the use or sale of its Contribution alone
  or when combined with the Program.

  "Program" means the Contributions Distributed in accordance with this
  Agreement.

  "Recipient" means anyone who receives the Program under this Agreement
  or any Secondary License (as applicable), including Contributors.

  "Derivative Works" shall mean any work, whether in Source Code or other
  form, that is based on (or derived from) the Program and for which the
  editorial revisions, annotations, elaborations, or other modifications
  represent, as a whole, an original work of authorship.

  "Modified Works" shall mean any work in Source Code or other form that
  results from an addition to, deletion from, or modification of the
  contents of the Program, including, for purposes of clarity any new file
  in Source Code form that
contains any contents of the Program. Modified
  Works shall not include works that contain only declarations,
  interfaces, types, classes, structures, or files of the Program solely
  in each case in order to link to, bind by name, or subclass the Program
  or Modified Works thereof.

  "Distribute" means the acts of a) distributing or b) making available
  in any manner that enables the transfer of a copy.

  "Source Code" means the form of a Program preferred for making

modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor may Distribute the Program under a license
different than this Agreement, provided that such license:
  i) effectively disclaims on behalf of all other Contributors all
  warranties and conditions, express and implied, including
  warranties or conditions of title and non-infringement, and
  implied warranties or conditions of merchantability and fitness
  for a particular purpose;

  ii) effectively excludes on behalf of all other Contributors all
  liability for damages, including direct, indirect, special,
  incidental and consequential damages, such as lost profits;

  iii) does not attempt to limit or alter the recipients' rights
  in the Source Code under section 3.2; and

  iv) requires any subsequent distribution of the Program by any
  party to be under a license that satisfies the requirements
  of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material in
a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of
such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS
AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
 EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses

granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel
or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A
is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely
to
look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original

authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how
to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections 1
and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your cost
of
physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to
distribute corresponding source code. (This alternative is allowed
only for noncommercial distribution and only if you received the
program in object code or executable form with such an offer, in
accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed
need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all

its terms and conditions for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
 certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries

not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software
Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This
program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show w'
and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
you do not wish to do so, delete this exception statement
from your version.

1.196 jersey-inject-hk2 2.35

1.196.1 Available under license :

Notice for Jersey
This content is produced and maintained by the Eclipse Jersey project.

* Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Angular JS, v1.6.6
* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org
* Coyright: (c) 2010-2017 Google, Inc.

aopalliance Version 1
* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net
* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2
* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/

* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap
 v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4
* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3
* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
*
 Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public
domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)
* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright
 (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology,
Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Eclipse Public License - v 2.0

    THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
    PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
    OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

 1. DEFINITIONS

 "Contribution" means:

  a) in the case of the initial Contributor, the initial content
     Distributed under this Agreement, and

  b) in the case of each subsequent Contributor:
     i) changes to the Program, and
     ii) additions to the Program;
   where such changes and/or additions to the Program originate from
   and are Distributed by that particular Contributor. A Contribution
   "originates" from a Contributor if it was added to the Program by
   such Contributor itself or anyone acting on such Contributor's behalf.
   Contributions do not include changes or additions to the Program that
   are not Modified Works.

  "Contributor" means any person or entity
 that Distributes the Program.

  "Licensed Patents" mean patent claims licensable by a Contributor which
  are necessarily infringed by the use or sale of its Contribution alone

or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity any new file
in Source Code form that
contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

   a) Subject to the terms of this Agreement, each Contributor hereby
   grants Recipient a non-exclusive, worldwide, royalty-free
copyright
   license to reproduce, prepare Derivative Works of, publicly display,
   publicly perform, Distribute and sublicense the Contribution of such
   Contributor, if any, and such Derivative Works.

   b) Subject to the terms of this Agreement, each Contributor hereby
   grants Recipient a non-exclusive, worldwide, royalty-free patent
   license under Licensed Patents to make, use, sell, offer to sell,
   import and otherwise transfer the Contribution of such Contributor,

if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all
warranties and conditions, express and implied, including
warranties or conditions of title and non-infringement, and
implied warranties or conditions of merchantability and fitness
for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all
liability for damages, including direct, indirect, special,
incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights
in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any
party to be under a license that satisfies the requirements
of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material in
a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,

damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of
such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS
AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
 EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,

estoppel
or otherwise. All rights in the Program not expressly granted
  under this Agreement are reserved. Nothing in this Agreement is intended
  to be enforceable by any entity that is not a Contributor or Recipient.
  No third-party beneficiary rights are created under this Agreement.

  Exhibit A - Form of Secondary Licenses Notice

  "This Source Code may also be made available under the following
  Secondary Licenses when the conditions for such availability set forth
  in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
  version(s), and exceptions or additional permissions here}."

   Simply including a copy of this Agreement, including this Exhibit A
   is not sufficient to license the Source Code under Secondary Licenses.

   If it is not possible or desirable to put the notice in a particular
   file, then You may include the notice in a location (such as a LICENSE
   file in a relevant directory) where a recipient would be likely
to
   look for such a notice.

   You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

  Copyright (C) 1989, 1991 Free Software Foundation, Inc.
  51 Franklin Street, Fifth Floor
  Boston, MA 02110-1335
  USA

  Everyone is permitted to copy and distribute verbatim copies
  of this license document, but changing it is not allowed.

  Preamble

  The licenses for most software are designed to take away your freedom to
  share and change it. By contrast, the GNU General Public License is
  intended to guarantee your freedom to share and change free software--to
  make sure the software is free for all its users. This General Public
  License applies to most of the Free Software Foundation's software and
  to any other program whose authors commit to using it. (Some other Free
  Software Foundation software is covered by the GNU Library General
  Public License instead.)
 You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at
all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.

(Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If

identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections 1
and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your cost
of
physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to
distribute corresponding source code. (This alternative is allowed
only for noncommercial distribution and only if you received the
program in object code or executable form with such an offer, in
accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed

need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all
its terms and conditions for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you

could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
 certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software
Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we

sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This
program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show w'
and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
you do not wish to do so, delete this exception statement
from your version.

1.197 aws-java-sdk-annotations 2.16.85

1.197.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****
THIRD PARTY COMPONENTS
****
This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-
2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
 Apache Commons Lang
 Copyright 2001-2020 The Apache Software Foundation

 This product includes software developed at
 The Apache Software Foundation (https://www.apache.org/).

                    Apache License

<div align="center">

Version 2.0, January 2004

http://www.apache.org/licenses/

</div>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding
those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,

except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the

1.198 metrics-utility-servlets 4.1.25

1.198.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.servlets
Build-Jdk: 1.8.0_292
Built-By: runner
Bundle-Description: A set of utility servlets for Metrics, allowing yo
u to expose valuable information about   your production environ
ment.
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: Metrics Utility Servlets
Bundle-SymbolicName: io.dropwizard.metrics.servlets
Bundle-Version: 4.1.25
Created-By: Apache Maven Bundle Plugin
Export-Package: com.codahale.metrics.servlets;uses:="com.codahale.metr
ics,com.codahale.metrics.health,com.fasterxml.jackson.databind,javax.
servlet,javax.servlet.http";version="4.1.25"
Implementation-Title: Metrics Utility Servlets
Implementation-URL: https://metrics.dropwizard.io/metrics-servlets
Implementation-Vendor-Id: io.dropwizard.metrics
Implementation-Version: 4.1.25
Import-Package: javax.servlet;version="[2.5.0,4.0.0)",javax.servlet.ht

tp;version="[2.5.0,4.0.0)",com.codahale.metrics;version="[4.1,5)",com
.codahale.metrics.health;version="[4.1,5)",com.codahale.metrics.json;
version="[4.1,5)",com.codahale.metrics.jvm;version="[4.1,5)",com.fast
erxml.jackson.databind;version="[2.9,3)",com.fasterxml.jackson.databi
nd.util;version="[2.9,3)",com.papertrail.profiler;version="[1.1,2)"
Private-Package: com.codahale.metrics.servlets
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-5.1.1.202006162103

Found in path(s):
* /opt/cola/permits/1300428290_1649930618.52/0/metrics-servlets-4-1-25-jar/META-INF/MANIFEST.MF

1.199 javassist 3.28.0

1.199.1 Available under license :

Found license 'GNU Lesser General Public License' in '* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.
* The contents of this file are subject to the Mozilla Public License Version * 1.1 (the "License"); you may not use
this file except in compliance with * the License. Alternatively, the contents of this file may be used under * the
terms of the GNU Lesser General Public License Version 2.1 or later, * or the Apache License Version 2.0. *
Software distributed under the License is distributed on an "AS IS" basis,'
Found license 'GNU Lesser General Public License' in '* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.
* The contents of this file are subject to the Mozilla Public License Version * 1.1 (the "License"); you may not use
this file except in compliance with * the License. Alternatively, the contents of this file may be used under * the
terms of the GNU Lesser General Public License Version 2.1 or later, * or the Apache License Version 2.0. *
Software distributed under the License is distributed on an "AS IS" basis, + " All Rights Reserved.");'

1.200 metrics-core 4.1.25

1.200.1 Available under license :

Apache-2.0

1.201 aws-java-sdk-::-http-clients-::-aws-common-runtime-client 2.14.13-PREVIEW

1.201.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****
THIRD PARTY COMPONENTS
****

This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
Apache Commons Lang
Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but

not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,

where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must
       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding
those notices that do not
       pertain to any part of the Derivative Works, in at least one
       of the following places: within a NOTICE text file distributed
       as part of the Derivative Works; within the Source form or
       documentation, if provided along with the Derivative Works; or,
       within a display generated by the Derivative Works, if and
       wherever such third-party notices normally appear. The contents
       of the NOTICE file are for informational purposes only and
       do not modify the License. You may add Your own attribution
       notices within Derivative Works that You distribute, alongside
       or as an addendum to the NOTICE text from the Work, provided
       that such additional attribution notices cannot be construed
       as modifying the License.

   You may add Your own copyright statement to Your modifications and

may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this

License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.
Such other license terms will then apply in lieu of the terms of the software license above.

1.202 metrics-integration-with-jmx 4.1.25

1.202.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.jmx
Build-Jdk: 1.8.0_292
Built-By: runner

Bundle-Description: A set of classes which allow you to report metrics
 via JMX.
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: Metrics Integration with JMX
Bundle-SymbolicName: io.dropwizard.metrics.jmx
Bundle-Version: 4.1.25
Created-By: Apache Maven Bundle Plugin
Export-Package: com.codahale.metrics.jmx;uses:="com.codahale.metrics,j
avax.management";version="4.1.25"
Implementation-Title: Metrics Integration with JMX
Implementation-URL: https://metrics.dropwizard.io/metrics-jmx
Implementation-Vendor-Id: io.dropwizard.metrics
Implementation-Version: 4.1.25
Import-Package: org.slf4j;version="[1.6.0,2.0.0)",com.codahale.metrics
;version="[4.1,5)",javax.management
Private-Package: com.codahale.metrics.jmx
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool:
 Bnd-5.1.1.202006162103

Found in path(s):
* /opt/cola/permits/1300428274_1649930643.63/0/metrics-jmx-4-1-25-jar/META-INF/MANIFEST.MF

1.203 jcl-1-2-implemented-over-slf4j 1.7.32
1.203.1 Available under license :
No license file was found, but licenses were detected in source scan.

<name>Apache License, Version 2.0</name>

Found in path(s):
* /opt/cola/permits/1300428401_1649931151.46/0/jcl-over-slf4j-1-7-32-jar/META-INF/maven/org.slf4j/jcl-over-slf4j/pom.xml

1.204 dropwizard-http-client 2.0.25
1.204.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted"

means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each

Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2020 Dropwizard Team

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.
  You may obtain a copy of
 the License at

    http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
 distributed under the License is distributed on an "AS IS" BASIS,
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 See the License for the specific language governing permissions and
 limitations under the License.

1.205 metrics---dropwizard 4.1.25

1.205.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics

Build-Jdk: 1.8.0_292

Built-By: runner

Bundle-Description: Metrics is a Java library which gives you unparall

eled insight into what your code does in   production. Metrics p

rovides a powerful toolkit of ways to measure the behavior of critica

l   components in your production environment.

Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html

Bundle-ManifestVersion: 2

Bundle-Name: Metrics Core

Bundle-SymbolicName: io.dropwizard.metrics.core

Bundle-Version: 4.1.25

Created-By: Apache Maven Bundle Plugin

Export-Package: com.codahale.metrics;uses:="org.slf4j";version="4.1.25

"

Implementation-Title: Metrics Core

Implementation-URL: https://metrics.dropwizard.io/metrics-core

Implementation-Vendor-Id: io.dropwizard.metrics

Implementation-Version: 4.1.25

Import-Package: org.slf4j;version="[1.6.0,2.0.0)"

Private-Package:

 com.codahale.metrics

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-5.1.1.202006162103

Found in path(s):

* /opt/cola/permits/1300428465_1649930840.03/0/metrics-core-4-1-25-jar/META-INF/MANIFEST.MF

1.206 dom4j-flexible-xml-framework-for-java 20040902.021138

1.206.1 Available under license :

/*
$Id: LICENSE.txt,v 1.4 2004/06/25 08:03:26 maartenc Exp $

Copyright 2001-2004 (C) MetaStuff, Ltd. All Rights Reserved.

Redistribution and use of this software and associated documentation
("Software"), with or without modification, are permitted provided
that the following conditions are met:

1. Redistributions of source code must retain copyright
   statements and notices. Redistributions must also contain a
   copy of this document.

2. Redistributions in binary form must reproduce the
   above copyright notice, this list of conditions and the
   following disclaimer in the documentation and/or other
   materials provided with the distribution.

3. The name "DOM4J" must not be used to endorse or promote
   products derived from this Software without prior written
   permission of MetaStuff, Ltd. For written permission,
   please contact dom4j-info@metastuff.com.

4. Products derived from this Software may not be called "DOM4J"
   nor
 may "DOM4J" appear in their names without prior written
   permission of MetaStuff, Ltd. DOM4J is a registered
   trademark of MetaStuff, Ltd.

5. Due credit should be given to the DOM4J Project -
   http://www.dom4j.org

THIS SOFTWARE IS PROVIDED BY METASTUFF, LTD. AND CONTRIBUTORS
``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT
NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL
METASTUFF, LTD. OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY
 OF SUCH DAMAGE.

*/

1.207 dropwizard-utility-classes 2.0.25
1.207.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a

copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a

cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with

the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability

incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2020 Dropwizard Team

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of
the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.208 metrics-health-checks 4.1.25

1.208.1 Available under license :

Apache-2.0

1.209 jersey-container-servlet 2.35

1.209.1 Available under license :

Notice for Jersey
This content is produced and maintained by the Eclipse Jersey project.

* Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Angular JS, v1.6.6
* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org
* Coyright: (c) 2010-2017 Google, Inc.

aopalliance Version 1
* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net
* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2
* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/
* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap
 v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4
* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3
* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
*
 Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public
domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)
* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm Version 8.0

* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright
 (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology,
Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Eclipse Public License - v 2.0

   THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
   PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
   OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

 1. DEFINITIONS

 "Contribution" means:

   a) in the case of the initial Contributor, the initial content
      Distributed under this Agreement, and

   b) in the case of each subsequent Contributor:
      i) changes to the Program, and
      ii) additions to the Program;
    where such changes and/or additions to the Program originate from
    and are Distributed by that particular Contributor. A Contribution
    "originates" from a Contributor if it was added to the Program by
    such Contributor itself or anyone acting on such Contributor's behalf.
    Contributions do not include changes or additions to the Program that
    are not Modified Works.

  "Contributor" means any person or entity
 that Distributes the Program.

  "Licensed Patents" mean patent claims licensable by a Contributor which
  are necessarily infringed by the use or sale of its Contribution alone
  or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity any new file
in Source Code form that
contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free
copyright
license to reproduce, prepare Derivative Works of, publicly display,
publicly perform, Distribute and sublicense the Contribution of such
Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free patent
license under Licensed Patents to make, use, sell, offer to sell,
import and otherwise transfer the Contribution of such Contributor,
if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at

the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution. No hardware per se is
licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its knowledge it has
sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor may Distribute the Program under a license
different than this Agreement, provided that such license:
    i) effectively disclaims on behalf of all other Contributors all
    warranties and conditions, express and implied, including
    warranties or conditions of title and non-infringement, and

implied warranties or conditions of merchantability and fitness
for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all
liability for damages, including direct, indirect, special,
incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights
in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any
party to be under a license that satisfies the requirements
of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material in
a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such

Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of
such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS
AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel
or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended

to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A
is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely
to
look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this

service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted,
and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications
or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how
to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those

sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on

which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have
their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
 certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software
Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

    One line to give the program's name and a brief idea of what it does.
    Copyright (C) <year> <name of author>

    This program is free software; you can redistribute it and/or modify
    it under the terms of the GNU General Public License as published by
    the Free Software Foundation; either version 2 of the License, or
    (at your option) any later version.

    This

program is distributed in the hope that it will be useful, but
    WITHOUT ANY WARRANTY; without even the implied warranty of
    MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
    General Public License for more details.

    You should have received a copy of the GNU General Public License
    along with this program; if not, write to the Free Software
    Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

    Gnomovision version 69, Copyright (C) year name of author
    Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
    `show w'. This is free software, and you are welcome to redistribute
    it under certain conditions; type `show c' for details.

The hypothetical commands `show w'
and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

    Yoyodyne, Inc., hereby disclaims all copyright interest in the
    program `Gnomovision' (which makes passes at compilers) written by
    James Hacker.

    signature of Ty Coon, 1 April 1989
    Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
 General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and

conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
 you do not wish to do so, delete this exception statement
from your version.

1.210 jackson-dataformats-binary 2.12.3
1.210.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Bnd-LastModified: 1618252665347
Build-Jdk-Spec: 1.8
Bundle-Description: Support for reading and writing Concise Binary Obj
ect Representation([CBOR](https://www.rfc-editor.org/info/rfc7049)enc
oded data using Jackson abstractions (streaming API, data binding, tr
ee model)
Bundle-DocURL: http://github.com/FasterXML/jackson-dataformats-binary
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Jackson dataformat: CBOR
Bundle-SymbolicName: com.fasterxml.jackson.dataformat.jackson-dataform
at-cbor
Bundle-Vendor: FasterXML
Bundle-Version: 2.12.3
Created-By: Apache Maven Bundle Plugin
Export-Package: com.fasterxml.jackson.dataformat.cbor;uses:="com.faste
rxml.jackson.core,com.fasterxml.jackson.core.base,com.fasterxml.jacks
on.core.format,com.fasterxml.jackson.core.io,com.fasterxml.jackson.co
re.json,com.fasterxml.jackson.core.sym,com.fasterxml.jackson.core.uti
 l";version="2.12.3",com.fasterxml.jackson.dataformat.cbor.databind;us
es:="com.fasterxml.jackson.core,com.fasterxml.jackson.databind,com.fa
sterxml.jackson.databind.cfg,com.fasterxml.jackson.dataformat.cbor";v
ersion="2.12.3"
Implementation-Build-Date: 2021-04-12 18:37:39+0000
Implementation-Title: Jackson dataformat: CBOR

Implementation-Vendor: FasterXML

Implementation-Vendor-Id: com.fasterxml.jackson.dataformat

Implementation-Version: 2.12.3

Import-Package: com.fasterxml.jackson.core;version="[2.12,3)",com.fast
erxml.jackson.core.base;version="[2.12,3)",com.fasterxml.jackson.core
.format;version="[2.12,3)",com.fasterxml.jackson.core.io;version="[2.
12,3)",com.fasterxml.jackson.core.json;version="[2.12,3)",com.fasterx
ml.jackson.core.sym;version="[2.12,3)",com.fasterxml.jackson.core.uti
l;version="[2.12,3)",com.fasterxml.jackson.databind;version="[2.12,3)
",com.fasterxml.jackson.databind.cfg;version="[2.12,3)",com.fasterxml
.jackson.dataformat.cbor;version="[2.12,3)"

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"

Specification-Title: Jackson dataformat: CBOR

Specification-Vendor: FasterXML

Specification-Version: 2.12.3

Tool: Bnd-5.1.1.202006162103

X-Compile-Source-JDK: 1.7

X-Compile-Target-JDK: 1.7

Found in path(s):

* /opt/cola/permits/1300428363_1649932293.82/0/jackson-dataformat-cbor-2-12-3-jar/META-
INF/MANIFEST.MF

1.211 logback-access-module 1.2.5

1.211.1 Available under license :

No license file was found, but licenses were detected in source scan.

-- Copyright (C) 1999-2010, QOS.ch. All rights reserved.

Found in path(s):

* /opt/cola/permits/1300428375_1649930881.34/0/logback-access-1-2-5-
jar/ch/qos/logback/access/db/script/msSQLServer.sql

* /opt/cola/permits/1300428375_1649930881.34/0/logback-access-1-2-5-
jar/ch/qos/logback/access/db/script/oracle.sql

No license file was found, but licenses were detected in source scan.

Logback: the reliable, generic, fast and flexible logging framework.

Copyright (C) 1999-2010, QOS.ch. All rights reserved.

#

See http://logback.qos.ch/license.html for the applicable licensing

conditions.

This SQL script creates the required tables by ch.qos.logback.classic.db.DBAppender

#

It is intended for PostgreSQL databases.

```sql
DROP TABLE    access_event_exception;
DROP SEQUENCE access_event_id_seq;
DROP TABLE    access_event;

CREATE SEQUENCE access_event_id_seq MINVALUE 1 START 1;

CREATE TABLE access_event
 (
   timestmp        BIGINT NOT NULL,
   requestURI      VARCHAR(254),
   requestURL       VARCHAR(254),
   remoteHost      VARCHAR(254),
   remoteUser      VARCHAR(254),
   remoteAddr       VARCHAR(254),
   protocol        VARCHAR(254),
   method          VARCHAR(254),
   serverName       VARCHAR(254),
   postContent      VARCHAR(254),

   event_id        BIGINT DEFAULT nextval('access_event_id_seq') PRIMARY KEY
 );

CREATE TABLE access_event_header
(
   event_id      BIGINT NOT NULL,
   header_key      VARCHAR(254) NOT NULL,
   header_value     VARCHAR(1024),
   PRIMARY KEY(event_id, header_key),
   FOREIGN KEY (event_id) REFERENCES access_event(event_id)
 );
```

Found in path(s):
* /opt/cola/permits/1300428375_1649930881.34/0/logback-access-1-2-5-
jar/ch/qos/logback/access/db/script/postgresql.sql
No license file was found, but licenses were detected in source scan.

Logback: the reliable, generic, fast and flexible logging framework.
Copyright (C) 1999-2010, QOS.ch. All rights reserved.
#
See http://logback.qos.ch/license.html for the applicable licensing
conditions.

This SQL script creates the required tables by ch.qos.logback.access.db.DBAppender.
#
It is intended for MySQL databases. It has been tested on MySQL 5.5.31 with
INNODB tables.

```
BEGIN;
DROP TABLE IF EXISTS access_event_header;
DROP TABLE IF EXISTS access_event;
COMMIT;

BEGIN;
CREATE TABLE access_event
 (
  timestmp        BIGINT NOT NULL,
  requestURI      VARCHAR(254),
  requestURL       VARCHAR(254),
  remoteHost      VARCHAR(254),
  remoteUser      VARCHAR(254),
  remoteAddr       VARCHAR(254),
  protocol        VARCHAR(254),
  method          VARCHAR(254),
  serverName       VARCHAR(254),
  postContent      VARCHAR(254),
  event_id
        BIGINT NOT NULL AUTO_INCREMENT PRIMARY KEY
 );
COMMIT;

BEGIN;
CREATE TABLE access_event_header
 (
  event_id      BIGINT NOT NULL,
  header_key       VARCHAR(254) NOT NULL,
  header_value      VARCHAR(1024),
  PRIMARY KEY(event_id, header_key),
  FOREIGN KEY (event_id) REFERENCES access_event(event_id)
 );
COMMIT;
```

Found in path(s):
* /opt/cola/permits/1300428375_1649930881.34/0/logback-access-1-2-5-
jar/ch/qos/logback/access/db/script/mysql.sql
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Bundle-Description: logback-access module
Bundle-License: http://www.eclipse.org/legal/epl-v10.html, http://www.
gnu.org/licenses/old-licenses/lgpl-2.1.html
Bundle-SymbolicName: ch.qos.logback.access
Archiver-Version: Plexus Archiver
Built-By: ceki
Bnd-LastModified: 1627313967221
Bundle-ManifestVersion: 2

Bundle-RequiredExecutionEnvironment: JavaSE-1.6
Bundle-DocURL: http://www.qos.ch
Bundle-Vendor: QOS.ch
Import-Package: javax.servlet;version="2.5";resolution:=optional,javax
 .servlet.http;version="2.5";resolution:=optional,javax.management;res
 olution:=optional,org.apache.catalina;version="8.5.9";resolution:=opt
 ional,org.apache.catalina.connector;version="8.5.9";resolution:=optio
 nal,org.apache.catalina.valves;version="8.5.9";resolution:=optional,o
 rg.eclipse.jetty.http;version="8.2.0.v20160908";resolution:=optional,
 org.eclipse.jetty.server;version="8.2.0.v20160908";resolution:=option
 al,org.eclipse.jetty.util.component;version="8.2.0.v20160908";resolut
 ion:=optional,ch.qos.logback.core;version="[1.2,2)",ch.qos.logback.co
 re.boolex;version="[1.2,2)",ch.qos.logback.core.db;version="[1.2,2)",
 ch.qos.logback.core.filter;version="[1.2,2)",ch.qos.logback.core.help
 ers;version="[1.2,2)",ch.qos.logback.core.html;version="[1.2,2)",ch.q
 os.logback.core.joran;version="[1.2,2)",ch.qos.logback.core.joran.act
 ion;version="[1.2,2)",ch.qos.logback.core.joran.conditional;version="
 [1.2,2)",ch.qos.logback.core.joran.event;version="[1.2,2)",ch.qos.log
 back.core.joran.spi;version="[1.2,2)",ch.qos.logback.core.net;version
 ="[1.2,2)",ch.qos.logback.core.net.server;version="[1.2,2)",ch.qos.lo
 gback.core.net.ssl;version="[1.2,2)",ch.qos.logback.core.pattern;vers
 ion="[1.2,2)",ch.qos.logback.core.pattern.color;version="[1.2,2)",ch.
 qos.logback.core.pattern.parser;version="[1.2,2)",ch.qos.logback.core
 .sift;version="[1.2,2)",ch.qos.logback.core.spi;version="[1.2,2)",ch.
 qos.logback.core.status;version="[1.2,2)",ch.qos.logback.core.util;ve
 rsion="[1.2,2)",org.apache.coyote;resolution:=optional,org.xml.sax,ch
 .qos.logback.core.rolling;version="[1.2,2)",ch.qos.logback.core.rolli
 ng.helper;version="[1.2,2)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Originally-Created-By: Apache Maven Bundle Plugin
Export-Package: ch.qos.logback.access;version="1.2.5";uses:="ch.qos.lo
 gback.access.spi,ch.qos.logback.core.pattern,ch.qos.logback.core.stat
 us,javax.servlet.http",ch.qos.logback.access.boolex;version="1.2.5";u
 ses:="ch.qos.logback.access.spi,ch.qos.logback.core.boolex",ch.qos.lo
 gback.access.db;version="1.2.5";uses:="ch.qos.logback.access.spi,ch.q
 os.logback.core.db",ch.qos.logback.access.db.script;version="1.2.5",c
 h.qos.logback.access.filter;version="1.2.5";uses:="ch.qos.logback.cor
 e.filter,ch.qos.logback.core.spi",ch.qos.logback.access.html;version=
 "1.2.5";uses:="ch.qos.logback.access.spi,ch.qos.logback.core.html",ch
 .qos.logback.access.jetty;version="1.2.5";uses:="ch.qos.logback.acces
 s.spi,ch.qos.logback.core,ch.qos.logback.core.filter,ch.qos.logback.c
 ore.spi,org.eclipse.jetty.server,org.eclipse.jetty.util.component",ch
 .qos.logback.access.joran;version="1.2.5";uses:="ch.qos.logback.acces
 s.spi,ch.qos.logback.core.joran,ch.qos.logback.core.joran.spi",ch.qos
 .logback.access.joran.action;version="1.2.5";uses:="ch.qos.logback.co
 re.joran.action,ch.qos.logback.core.joran.spi,org.xml.sax",ch.qos.log
 back.access.net;version="1.2.5";uses:="ch.qos.logback.access,ch.qos.l

ogback.access.spi,ch.qos.logback.core,ch.qos.logback.core.boolex,ch.q
os.logback.core.helpers,ch.qos.logback.core.net,ch.qos.logback.core.p
attern,ch.qos.logback.core.spi",ch.qos.logback.access.net.server;vers
ion="1.2.5";uses:="ch.qos.logback.access.spi,ch.qos.logback.core.net.
server,ch.qos.logback.core.spi",ch.qos.logback.access.pattern;version
="1.2.5";uses:="ch.qos.logback.access.spi,ch.qos.logback.core,ch.qos.
logback.core.pattern,ch.qos.logback.core.spi,ch.qos.logback.core.stat
us",ch.qos.logback.access.servlet;version="1.2.5";uses:="javax.servle
t,javax.servlet.http",ch.qos.logback.access.sift;version="1.2.5";uses
:="ch.qos.logback.access.spi,ch.qos.logback.core,ch.qos.logback.core.
joran.action,ch.qos.logback.core.joran.event,ch.qos.logback.core.jora
n.spi,ch.qos.logback.core.sift,org.xml.sax",ch.qos.logback.access.spi
;version="1.2.5";uses:="ch.qos.logback.core,ch.qos.logback.core.filte
r,ch.qos.logback.core.spi,javax.servlet.http",ch.qos.logback.access.t
omcat;version="1.2.5";uses:="ch.qos.logback.access.spi,ch.qos.logback
.core,ch.qos.logback.core.filter,ch.qos.logback.core.spi,ch.qos.logba
ck.core.status,javax.servlet,org.apache.catalina,org.apache.catalina.
connector,org.apache.catalina.valves"
Bundle-Name: Logback Access Module
Bundle-Version: 1.2.5
Created-By: Apache Maven Bundle
 Plugin
Build-Jdk: 1.8.0_121

Found in path(s):
* /opt/cola/permits/1300428375_1649930881.34/0/logback-access-1-2-5-jar/META-INF/MANIFEST.MF
No license file was found, but licenses were detected in source scan.

Logback: the reliable, generic, fast and flexible logging framework.
Copyright (C) 1999-2010, QOS.ch. All rights reserved.
#
See http://logback.qos.ch/license.html for the applicable licensing
conditions.

This SQL script creates the required tables by ch.qos.logback.access.db.DBAppender
#
It is intended for IBM DB2 databases.
#
WARNING WARNING WARNING WARNING
=================================
This SQL script has not been tested on an actual DB2
instance. It may contain errors or even invalid SQL
statements.

DROP TABLE access_event_header;
DROP TABLE access_event;

CREATE TABLE access_event

```
 (
  timestmp        BIGINT NOT NULL,
  requestURI      VARCHAR(254),
  requestURL       VARCHAR(254),
  remoteHost       VARCHAR(254),
  remoteUser       VARCHAR(254),
  remoteAddr        VARCHAR(254),
  protocol        VARCHAR(254),
  method
     VARCHAR(254),
  serverName        VARCHAR(254),
  postContent       VARCHAR(254),
  event_id         INTEGER GENERATED ALWAYS AS IDENTITY (START WITH 1)
 );


CREATE TABLE access_event_header
 (
  event_id      INTEGER NOT NULL,
  header_key       VARCHAR(254) NOT NULL,
  header_value      VARCHAR(1024),
  PRIMARY KEY(event_id, header_key),
  FOREIGN KEY (event_id) REFERENCES access_event(event_id)
 );
```

Found in path(s):
* /opt/cola/permits/1300428375_1649930881.34/0/logback-access-1-2-5-jar/ch/qos/logback/access/db/script/db2.sql
No license file was found, but licenses were detected in source scan.

```
# Logback: the reliable, generic, fast and flexible logging framework.
# Copyright (C) 1999-2010, QOS.ch. All rights reserved.
#
# See http://logback.qos.ch/license.html for the applicable licensing
# conditions.

# This SQL script creates the required tables by ch.qos.logback.access.db.DBAppender
#
# It is intended for HSQL databases.


DROP TABLE access_event_header IF EXISTS;
DROP TABLE access_event IF EXISTS;

CREATE TABLE access_event (
 timestmp BIGINT NOT NULL,
 requestURI VARCHAR(254),
 requestURL VARCHAR(254),
 remoteHost VARCHAR(254),
 remoteUser VARCHAR(254),
```

remoteAddr VARCHAR(254),
protocol VARCHAR(254),
method VARCHAR(254),
serverName VARCHAR(254),
postContent VARCHAR(254),
event_id BIGINT NOT NULL IDENTITY);

CREATE TABLE access_event_header (
 event_id BIGINT NOT NULL,
 header_key VARCHAR(254) NOT NULL,
 header_value LONGVARCHAR,
 PRIMARY KEY(event_id,
 header_key),
 FOREIGN KEY (event_id) REFERENCES access_event(event_id));

Found in path(s):
* /opt/cola/permits/1300428375_1649930881.34/0/logback-access-1-2-5-
jar/ch/qos/logback/access/db/script/hsqldb.sql

1.212 annotations-for-metrics 4.1.25
1.212.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.annotation
Build-Jdk: 1.8.0_292
Built-By: runner
Bundle-Description: A dependency-less package of just the annotations
used by other Metrics modules.
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: Annotations for Metrics
Bundle-SymbolicName: io.dropwizard.metrics.annotation
Bundle-Version: 4.1.25
Created-By: Apache Maven Bundle Plugin
Export-Package: com.codahale.metrics.annotation;version="4.1.25"
Implementation-Title: Annotations for Metrics
Implementation-URL: https://metrics.dropwizard.io/metrics-annotation
Implementation-Vendor-Id: io.dropwizard.metrics
Implementation-Version: 4.1.25
Private-Package: com.codahale.metrics.annotation
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-5.1.1.202006162103

Found in path(s):

1.213 jersey-container-servlet-core 2.35

1.213.1 Available under license :

Notice for Jersey

This content is produced and maintained by the Eclipse Jersey project.

* Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks

Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Angular JS, v1.6.6
* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org
* Coyright: (c) 2010-2017 Google, Inc.

aopalliance Version 1
* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net

* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2
* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/
* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap
 v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4
* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3
* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
*
 Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)
* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright
 (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Eclipse Public License - v 2.0

   THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
   PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
   OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

 1. DEFINITIONS

 "Contribution" means:

  a) in the case of the initial Contributor, the initial content
     Distributed under this Agreement, and

  b) in the case of each subsequent Contributor:
     i) changes to the Program, and
     ii) additions to the Program;
   where such changes and/or additions to the Program originate from

and are Distributed by that particular Contributor. A Contribution
"originates" from a Contributor if it was added to the Program by
such Contributor itself or anyone acting on such Contributor's behalf.
Contributions do not include changes or additions to the Program that
are not Modified Works.

"Contributor" means any person or entity
that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which
are necessarily infringed by the use or sale of its Contribution alone
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity any new file
in Source Code form that
contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free
copyright
license to reproduce, prepare Derivative Works of, publicly display,
publicly perform, Distribute and sublicense the Contribution of such
Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free patent
license under Licensed Patents to make, use, sell, offer to sell,
import and otherwise transfer the Contribution of such Contributor,
if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at
the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution. No hardware per se is
licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its knowledge it has
sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:
  i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

  ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

  iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

  iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

  a) it must be made available under this Agreement, or if the Program (i) is combined with other material in
a separate file or
  files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

  b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of
such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS
AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs

or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
 EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate

entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel
or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

  Simply including a copy of this Agreement, including this Exhibit A
  is not sufficient to license the Source Code under Secondary Licenses.

  If it is not possible or desirable to put the notice in a particular
  file, then You may include the notice in a location (such as a LICENSE
  file in a relevant directory) where a recipient would be likely
to
  look for such a notice.

  You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at
all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted,
and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications
or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an

announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how
to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections 1
and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your cost
of
physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to
distribute corresponding source code. (This alternative is allowed

only for noncommercial distribution and only if you received the
program in object code or executable form with such an offer, in
accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed
need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all
its terms and conditions for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
 certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and

conditions either of that version or of any later version published by
the Free Software
Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey

the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

   One line to give the program's name and a brief idea of what it does.
   Copyright (C) <year> <name of author>

   This program is free software; you can redistribute it and/or modify
   it under the terms of the GNU General Public License as published by
   the Free Software Foundation; either version 2 of the License, or
   (at your option) any later version.

   This
program is distributed in the hope that it will be useful, but
   WITHOUT ANY WARRANTY; without even the implied warranty of
   MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
   General Public License for more details.

   You should have received a copy of the GNU General Public License
   along with this program; if not, write to the Free Software
   Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

   Gnomovision version 69, Copyright (C) year name of author
   Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
   `show w'. This is free software, and you are welcome to redistribute
   it under certain conditions; type `show c' for details.

The hypothetical commands `show w'
and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

   Yoyodyne, Inc., hereby disclaims all copyright interest in the
   program `Gnomovision' (which makes passes at compilers) written by
   James Hacker.

   signature of Ty Coon, 1 April 1989
   Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
 General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
 you do not wish to do so, delete this exception statement
from your version.

1.214 dropwizard-jackson-support 2.0.25
1.214.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all

other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2020 Dropwizard Team

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of
the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.215 jersey-connectors-apache 2.35

1.215.1 Available under license :

Notice for Jersey

This content is produced and maintained by the Eclipse Jersey project.

* Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks

Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Angular JS, v1.6.6
* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org
* Coyright: (c) 2010-2017 Google, Inc.

aopalliance Version 1

* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net
* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2
* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/
* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap
 v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4
* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3
* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
*

Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)
* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright
 (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Eclipse Public License - v 2.0

   THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
   PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
   OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

 1. DEFINITIONS

 "Contribution" means:

  a) in the case of the initial Contributor, the initial content
     Distributed under this Agreement, and

  b) in the case of each subsequent Contributor:
     i) changes to the Program, and

ii) additions to the Program;
where such changes and/or additions to the Program originate from
and are Distributed by that particular Contributor. A Contribution
"originates" from a Contributor if it was added to the Program by
such Contributor itself or anyone acting on such Contributor's behalf.
Contributions do not include changes or additions to the Program that
are not Modified Works.

"Contributor" means any person or entity
that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which
are necessarily infringed by the use or sale of its Contribution alone
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity any new file
in Source Code form that
contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free
copyright
license to reproduce, prepare Derivative Works of, publicly display,
publicly perform, Distribute and sublicense the Contribution of such
Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free patent
license under Licensed Patents to make, use, sell, offer to sell,
import and otherwise transfer the Contribution of such Contributor,
if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at
the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution. No hardware per se is
licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its knowledge it has
sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:
    i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

    ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

    iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

    iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in
a separate file or
files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of
such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS
AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,

including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
 EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation

is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel
or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A
is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely
to
look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at
all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted,
and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications
or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

  a) You must cause the modified files to carry prominent notices
  stating that you changed the files and the date of any change.

  b) You must cause any work that you distribute or publish, that in
  whole or in part contains or is derived from the Program or any part
  thereof, to be licensed as a whole at no charge to all third parties
  under the terms of this License.

  c) If the modified program normally reads commands interactively

when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how
to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections 1
and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your cost
of
physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed
need not include anything that is
normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible

for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program

specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software
Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This
program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show w'
and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
you do not wish to do so, delete this exception statement
from your version.

1.216 dropwizard-auth 2.0.25
1.216.1 Available under license :
Apache-2.0

1.217 aws-java-sdk-http-clients-apache 2.16.85
1.217.1 Available under license :
AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

```
*********************
```
THIRD PARTY COMPONENTS
```
*********************
```
This software includes third party software subject to the following copyrights:

- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
 Apache Commons Lang
 Copyright 2001-2020 The Apache Software Foundation

 This product includes software developed at
 The Apache Software Foundation (https://www.apache.org/).

                        Apache License
                   Version 2.0, January 2004
                http://www.apache.org/licenses/

  TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

  1. Definitions.

     "License" shall mean the terms and conditions for use, reproduction,
     and distribution as defined by Sections 1 through 9 of this document.

     "Licensor" shall mean the copyright owner or entity authorized by
     the copyright owner that is granting the License.

     "Legal Entity" shall mean the union of the acting entity and all
     other entities that control, are controlled by, or are under common
     control with that entity. For the purposes of this definition,
     "control" means (i) the power, direct or indirect, to cause the
     direction or management of such entity, whether by contract or
     otherwise, or (ii) ownership of fifty percent (50%) or more of the
     outstanding shares, or (iii) beneficial ownership
   of such entity.

     "You" (or "Your") shall mean an individual or Legal Entity
     exercising permissions granted by this License.

     "Source" form shall mean the preferred form for making modifications,
     including but not limited to software source code, documentation
     source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this

License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided

that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

1.218 netty-project 4.1.69.Final

1.218.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Implementation-Title: Netty/Codec/Socks

Bundle-Description: Netty is an asynchronous event-driven network appl

ication framework for   rapid development of maintainable high perfo

rmance protocol servers and   clients.

Automatic-Module-Name: io.netty.codec.socks

Bundle-License: https://www.apache.org/licenses/LICENSE-2.0

Bundle-SymbolicName: io.netty.codec-socks

Implementation-Version: 4.1.69.Final

Built-By: root

Bnd-LastModified: 1633945248607

Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty

Bundle-DocURL: https://netty.io/

Bundle-Vendor: The Netty Project

Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel;ver

sion="[4.1,5)",io.netty.handler.codec,io.netty.util;version="[4.1,5)"

,io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logg

ing;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jet

ty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;ve

 rsion="[1,2)";resolution:=optional

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-2.4.1.201501161923

Implementation-Vendor: The Netty Project

Export-Package: io.netty.handler.codec.socks;uses:="io.netty.buffer,io

.netty.channel,io.netty.handler.codec";version="4.1.69",io.netty.hand

ler.codec.socksx;uses:="io.netty.buffer,io.netty.channel,io.netty.han

dler.codec,io.netty.handler.codec.socksx.v5";version="4.1.69",io.nett

y.handler.codec.socksx.v4;uses:="io.netty.buffer,io.netty.channel,io.

netty.handler.codec,io.netty.handler.codec.socksx";version="4.1.69",i

o.netty.handler.codec.socksx.v5;uses:="io.netty.buffer,io.netty.chann

el,io.netty.handler.codec,io.netty.handler.codec.socksx";version="4.1

.69"

Bundle-Name: Netty/Codec/Socks

Bundle-Version: 4.1.69.Final

Created-By: Apache Maven Bundle Plugin

Build-Jdk: 1.8.0_302

Implementation-URL: https://netty.io/netty-codec-socks/

Found in

 path(s):

* /opt/cola/permits/1300428433_1649930025.96/0/netty-codec-socks-4-1-69-final-jar/META-INF/MANIFEST.MF

No license file was found, but licenses were detected in source scan.

~ Copyright 2012 The Netty Project

~

~ The Netty Project licenses this file to you under the Apache License,

~ version 2.0 (the "License"); you may not use this file except in compliance

~ with the License. You may obtain a copy of the License at:

~

~   https://www.apache.org/licenses/LICENSE

2.0

~

~ Unless required by applicable law or agreed to in writing, software

~ distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

~ License for the specific language governing permissions and limitations

~ under the License.

Found in path(s):

* /opt/cola/permits/1300428433_1649930025.96/0/netty-codec-socks-4-1-69-final-jar/META-
INF/maven/io.netty/netty-codec-socks/pom.xml

1.219 dropwizard-jetty-support 2.0.25

1.219.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2012 The Netty Project

*

* The Netty Project licenses this file to you under the Apache License,

* version 2.0 (the "License"); you may not use this file except in compliance

* with the License. You may obtain a copy of the License at:

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

* License for the specific language governing permissions and limitations

* under the License.

*/

Found in path(s):

* /opt/cola/permits/1300428413_1650629574.3/0/dropwizard-jetty-2-0-25-sources-
jar/io/dropwizard/jetty/NetUtil.java

No license file was found, but licenses were detected in source scan.

/**

* Copyright 2013-2014 The Apache Software Foundation (Curator Project)

*

* The Apache Software Foundation licenses this file to you under the Apache

* License, version 2.0 (the "License"); you may not use this file except in

* compliance with the License. You may obtain a copy of the License at:

*

*   http://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

* License for the specific language governing permissions and limitations

* under the License.

*/

Found in path(s):

* /opt/cola/permits/1300428413_1650629574.3/0/dropwizard-jetty-2-0-25-sources-
jar/io/dropwizard/jetty/LocalIpFilter.java

1.220 aws-java-sdk-regions 2.16.85

1.220.1 Available under license :

AWS SDK for Java 2.0

Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by

Amazon Technologies, Inc (http://www.amazon.com/).

****

THIRD PARTY COMPONENTS

****

This software includes third party software subject to the following copyrights:

- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.

- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-
2010 AOL Inc.

- Apache Commons Lang - https://github.com/apache/commons-lang

- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:

 Apache Commons Lang

 Copyright 2001-2020 The Apache Software Foundation

 This product includes software developed at

 The Apache Software Foundation (https://www.apache.org/).

                   Apache License
                Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including

the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or

Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the

origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier

identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.
Such other license terms will then apply in lieu of the terms of the software license above.

1.221 aws-java-sdk-core-protocols-protocol-core 2.16.85

1.221.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****
THIRD PARTY COMPONENTS
****
This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
 Apache Commons Lang
 Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes

of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute

copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify

the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following

1.222 aws-java-sdk-profiles 2.16.85

1.222.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****

THIRD PARTY COMPONENTS
****

This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-
2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
Apache Commons Lang
Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object

form, that is based on (or derived from) the Work and for which the editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate

as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work

by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

   Copyright [yyyy] [name of copyright owner]

   Licensed under the Apache License, Version 2.0 (the "License");
   you may not use this file except in compliance with the License.
   You may obtain a copy of the License at

     http://www.apache.org/licenses/LICENSE-2.0

    Unless required by applicable law or agreed to in writing, software
   distributed under the License is distributed on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
   See the License for the specific language governing permissions and
   limitations under the License.

   Note: Other license terms may apply to certain, identified software files contained within or distributed
   with the accompanying software if such terms are included in the directory containing the accompanying software.
   Such other license terms will then apply in lieu of the terms of the software license above.

1.223 jvm-integration-for-metrics 4.1.25
1.223.1 Available under license :
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.jvm
Build-Jdk: 1.8.0_292
Built-By: runner
Bundle-Description: A set of classes which allow you to monitor critic
al aspects of your Java Virtual Machine   using Metrics.
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: JVM Integration for Metrics
Bundle-SymbolicName: io.dropwizard.metrics.jvm
Bundle-Version: 4.1.25
Created-By: Apache Maven Bundle Plugin
Export-Package: com.codahale.metrics.jvm;uses:="com.codahale.metrics,j

avax.management";version="4.1.25"

Implementation-Title: JVM Integration for Metrics

Implementation-URL: https://metrics.dropwizard.io/metrics-jvm

Implementation-Vendor-Id: io.dropwizard.metrics

Implementation-Version: 4.1.25

Import-Package: org.slf4j;version="[1.6.0,2.0.0)",com.sun.management;r

esolution:=optional,com.codahale.metrics;version="[4.1,5)",javax.mana

 gement

Private-Package: com.codahale.metrics.jvm

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-5.1.1.202006162103

Found in path(s):

* /opt/cola/permits/1300428369_1649930904.01/0/metrics-jvm-4-1-25-jar/META-INF/MANIFEST.MF

1.224 jersey 2.35

1.224.1 Available under license :

Notice for Jersey Json Jackson module

This content is produced and maintained by the Eclipse Jersey project.

* https://projects.eclipse.org/projects/ee4j.jersey

Trademarks

Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For

more information regarding authorship of content, please consult the listed

source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms

of the Eclipse Public License v. 2.0 which is available at

http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made

available under the following Secondary Licenses when the conditions for such

availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU

General Public License, version 2 with the GNU Classpath Exception which is

available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:

 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Jackson JAX-RS Providers version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.
/*
* Copyright (c) YYYY Oracle and/or its affiliates. All rights reserved.
*
* This program and the accompanying materials are made available under the
* terms of the Eclipse Distribution License v. 1.0, which is available at
* http://www.eclipse.org/org/documents/edl-v10.php.
*
* SPDX-License-Identifier: BSD-3-Clause
*/
Notice for Jersey
This content is produced and maintained by the Eclipse Jersey project.

* Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Angular JS, v1.6.6
* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org
* Coyright: (c) 2010-2017 Google, Inc.

aopalliance Version 1
* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net
* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2
* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/
* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap
 v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4
* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3
* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
*
 Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public
domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)
* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright
 (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology,
Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
/*
* Copyright (c) YYYY Oracle and/or its affiliates. All rights reserved.
*
* This program and the accompanying materials are made available under the
* terms of the Eclipse Public License v. 2.0, which is available at

* http://www.eclipse.org/legal/epl-2.0.
*
* This Source Code may also be made available under the following Secondary
* Licenses when the conditions for such availability set forth in the
* Eclipse Public License v. 2.0 are satisfied: GNU General Public License,
* version 2 with the GNU Classpath Exception, which is available at
* https://www.gnu.org/software/classpath/license.html.
*
* SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0
*/
Notice for Jersey Core Common module
This content is produced and maintained by the Eclipse Jersey project.

* https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright: (C) 2009 The Guava Authors

JSR-166 Extension - JEP 266
* License: Creative Commons 1.0 (CC0)
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166
* Expert Group and released to the public domain, as explained at
* http://creativecommons.org/publicdomain/zero/1.0/
# Notice for Jersey
This content is produced and maintained by the Eclipse Jersey project.

* Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Distribution License v. 1.0 which is available at
https://www.eclipse.org/org/documents/edl-v10.php.

SPDX-License-Identifier: BSD-3-Clause

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey/examples

Third-party Content

Angular JS, v1.6.6
* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org
* Coyright: (c) 2010-2017 Google,
 Inc.

aopalliance Version 1
* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net
* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2

* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Bootstrap v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.9.9
* License:
 Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4
* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3
* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
* Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public
domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)

* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm
 Version 7.2
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology,
Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Notice for Jersey Bean Validation module
This content is produced and maintained by the Eclipse Jersey project.

* https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:

EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/
* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

  - Redistributions of source code must retain the above copyright
    notice, this list of conditions and the following disclaimer.

  - Redistributions in binary form must reproduce the above copyright
    notice, this list of conditions and the following disclaimer in the
    documentation and/or other materials provided with the distribution.

  - Neither the name of the Eclipse Foundation, Inc. nor the names of its
    contributors may be used to endorse or promote products derived
    from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS
IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Notice for Jersey Core Server module
This content is produced and maintained by the Eclipse Jersey project.

* https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright: (c) 2000-2011 INRIA, France Telecom. All rights reserved.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology,
Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Eclipse Public License - v 2.0

   THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
   PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
   OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

  a) in the case of the initial Contributor, the initial content
     Distributed under this Agreement, and

  b) in the case of each subsequent Contributor:
     i) changes to the Program, and
     ii) additions to the Program;
  where such changes and/or additions to the Program originate from
  and are Distributed by that particular Contributor. A Contribution
  "originates" from a Contributor if it was added to the Program by
  such Contributor itself or anyone acting on such Contributor's behalf.
  Contributions do not include changes or additions to the Program that
  are not Modified Works.

  "Contributor" means any person or entity
that Distributes the Program.

  "Licensed Patents" mean patent claims licensable by a Contributor which
  are necessarily infringed by the use or sale of its Contribution alone
  or when combined with the Program.

  "Program" means the Contributions Distributed in accordance with this
  Agreement.

  "Recipient" means anyone who receives the Program under this Agreement
  or any Secondary License (as applicable), including Contributors.

  "Derivative Works" shall mean any work, whether in Source Code or other
  form, that is based on (or derived from) the Program and for which the
  editorial revisions, annotations, elaborations, or other modifications
  represent, as a whole, an original work of authorship.

  "Modified Works" shall mean any work in Source Code or other form that
  results from an addition to, deletion from, or modification of the
  contents of the Program, including, for purposes of clarity any new file
  in Source Code form that
contains any contents of the Program. Modified
  Works shall not include works that contain only declarations,
  interfaces, types, classes, structures, or files of the Program solely
  in each case in order to link to, bind by name, or subclass the Program
  or Modified Works thereof.

  "Distribute" means the acts of a) distributing or b) making available
  in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free
copyright
license to reproduce, prepare Derivative Works of, publicly display,
publicly perform, Distribute and sublicense the Contribution of such
Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free patent
license under Licensed Patents to make, use, sell, offer to sell,
import and otherwise transfer the Contribution of such Contributor,
if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at
the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution. No hardware per se is
licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its knowledge it has
sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor may Distribute the Program under a license
different than this Agreement, provided that such license:
   i) effectively disclaims on behalf of all other Contributors all
   warranties and conditions, express and implied, including
   warranties or conditions of title and non-infringement, and
   implied warranties or conditions of merchantability and fitness
   for a particular purpose;

   ii) effectively excludes on behalf of all other Contributors all
   liability for damages, including direct, indirect, special,
   incidental and consequential damages, such as lost profits;

   iii) does not attempt to limit or alter the recipients' rights
   in the Source Code under section 3.2; and

   iv) requires any subsequent distribution of the Program by any
   party to be under a license that satisfies the requirements
   of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material in
a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of
such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS
AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
 EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.

However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so

that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at
all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted,
and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications
or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how
to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections 1

and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your cost
of
physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to
distribute corresponding source code. (This alternative is allowed
only for noncommercial distribution and only if you received the
program in object code or executable form with such an offer, in
accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed
need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the

Program), you indicate your acceptance of this License to do so, and all
its terms and conditions for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
 certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those

countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software
Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This
program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show w'
and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
you do not wish to do so, delete this exception statement
from your version.

1.225 metrics-integration-for-logback 4.1.25

1.225.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.logback

Build-Jdk: 1.8.0_292

Built-By: runner

Bundle-Description: An instrumented appender for Logback.

Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html

Bundle-ManifestVersion: 2

Bundle-Name: Metrics Integration for Logback

Bundle-SymbolicName: io.dropwizard.metrics.logback

Bundle-Version: 4.1.25

Created-By: Apache Maven Bundle Plugin

Export-Package: com.codahale.metrics.logback;uses:="ch.qos.logback.cla

ssic.spi,ch.qos.logback.core,com.codahale.metrics";version="4.1.25"

Implementation-Title: Metrics Integration for Logback

Implementation-URL: https://metrics.dropwizard.io/metrics-logback

Implementation-Vendor-Id: io.dropwizard.metrics

Implementation-Version: 4.1.25

Import-Package: ch.qos.logback.classic;version="[1.2,2)",ch.qos.logbac

k.classic.spi;version="[1.2,2)",ch.qos.logback.core;version="[1.2,2)"

,com.codahale.metrics;version="[4.1,5)"

Private-Package:

 com.codahale.metrics.logback

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-5.1.1.202006162103

Found in path(s):

* /opt/cola/permits/1300427995_1649177643.65/0/metrics-logback-4-1-25-jar/META-INF/MANIFEST.MF

1.226 dropwizard-metrics-support 2.0.25

1.226.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial
revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and

subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must
       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding

those notices that do not

      pertain to any part of the Derivative Works, in at least one
      of the following places: within a NOTICE text file distributed
      as part of the Derivative Works; within the Source form or
      documentation, if provided along with the Derivative Works; or,
      within a display generated by the Derivative Works, if and
      wherever such third-party notices normally appear. The contents
      of the NOTICE file are for informational purposes only and
      do not modify the License. You may add Your own attribution
      notices within Derivative Works that You distribute, alongside
      or as an addendum to the NOTICE text from the Work, provided
      that such additional attribution notices cannot be construed
      as modifying the License.

  You may add Your own copyright statement to Your modifications and
  may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
  for any such Derivative Works as a whole, provided Your use,
  reproduction, and distribution of the Work otherwise complies with
  the conditions stated in this License.

 5. Submission of Contributions. Unless You explicitly state otherwise,
  any Contribution intentionally submitted for inclusion in the Work
  by You to the Licensor shall be under the terms and conditions of
  this License, without any additional terms or conditions.
  Notwithstanding the above, nothing herein shall supersede or modify
  the terms of any separate license agreement you may have executed
  with Licensor regarding such Contributions.

 6. Trademarks. This License does not grant permission to use the trade
  names, trademarks, service marks, or product names of the Licensor,
  except as required for reasonable and customary use in describing the
  origin of the Work and reproducing the
content of the NOTICE file.

 7. Disclaimer of Warranty. Unless required by applicable law or
  agreed to in writing, Licensor provides the Work (and each
  Contributor provides its Contributions) on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
  implied, including, without limitation, any warranties or conditions
  of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
  PARTICULAR PURPOSE. You are solely responsible for determining the
  appropriateness of using or redistributing the Work and assume any
  risks associated with Your exercise of permissions under this License.

 8. Limitation of Liability. In no event and under no legal theory,
  whether in tort (including negligence), contract, or otherwise,

unless required by applicable law (such as deliberate and grossly

negligent acts) or agreed to in writing, shall any Contributor be

liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a

result of this License or out of the use or inability to use the

Work (including but not limited to damages for loss of goodwill,

work stoppage, computer failure or malfunction, or any and all

other commercial damages or losses), even if such Contributor

has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing

the Work or Derivative Works thereof, You may choose to offer,

and charge a fee for, acceptance of support, warranty, indemnity,

or other liability obligations and/or rights consistent with this

License. However, in accepting such obligations, You may act only

on Your own behalf and on Your sole responsibility, not on behalf

of any other Contributor, and only if You agree to indemnify,

defend, and hold each Contributor harmless for any liability

incurred by, or claims asserted against, such Contributor by reason

of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following

boilerplate notice, with the fields enclosed by brackets "[]"

replaced with your own identifying information. (Don't include

the brackets!) The text should be enclosed in the appropriate

comment syntax for the file format. We also recommend that a

file or class name and description of purpose be included on the

same "printed page" as the copyright notice for easier

identification within third-party archives.

Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2020 Dropwizard Team

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of

the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

1.227 dropwizard-request-logging-support 2.0.25

1.227.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct

or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

1.228 aws-java-sdk-core-protocols-aws-query-protocol 2.16.85

1.228.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****
THIRD PARTY COMPONENTS
****
This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang

- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
Apache Commons Lang
Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a

copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a

cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with

the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability

incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.
Such other license terms will then apply in lieu of the terms of the software license above.

1.229 aws-java-sdk-services-amazon-s3 2.16.85

1.229.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****
THIRD PARTY COMPONENTS

****

This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
 Apache Commons Lang
 Copyright 2001-2020 The Apache Software Foundation

 This product includes software developed at
 The Apache Software Foundation (https://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

   "License" shall mean the terms and conditions for use, reproduction,
   and distribution as defined by Sections 1 through 9 of this document.

   "Licensor" shall mean the copyright owner or entity authorized by
   the copyright owner that is granting the License.

   "Legal Entity" shall mean the union of the acting entity and all
   other entities that control, are controlled by, or are under common
   control with that entity. For the purposes of this definition,
   "control" means (i) the power, direct or indirect, to cause the
   direction or management of such entity, whether by contract or
   otherwise, or (ii) ownership of fifty percent (50%) or more of the
   outstanding shares, or (iii) beneficial ownership
 of such entity.

   "You" (or "Your") shall mean an individual or Legal Entity
   exercising permissions granted by this License.

   "Source" form shall mean the preferred form for making modifications,
   including but not limited to software source code, documentation
   source, and configuration files.

   "Object" form shall mean any form resulting from mechanical

transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,

use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,

1.230 jersey-ext-metainf-services 2.33
1.230.1 Available under license :

Notice for Jersey
This content is produced and maintained by the Eclipse Jersey project.

* Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Angular JS, v1.6.6
* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org
* Coyright: (c) 2010-2017 Google, Inc.

aopalliance Version 1
* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net
* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2
* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/

* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap
 v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4
* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3
* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
*
 Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public
domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)
* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright
 (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology,
Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Eclipse Public License - v 2.0

    THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
    PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
    OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

  1. DEFINITIONS

 "Contribution" means:

   a) in the case of the initial Contributor, the initial content
      Distributed under this Agreement, and

   b) in the case of each subsequent Contributor:
      i) changes to the Program, and
      ii) additions to the Program;
    where such changes and/or additions to the Program originate from
    and are Distributed by that particular Contributor. A Contribution
    "originates" from a Contributor if it was added to the Program by
    such Contributor itself or anyone acting on such Contributor's behalf.
    Contributions do not include changes or additions to the Program that
    are not Modified Works.

  "Contributor" means any person or entity
 that Distributes the Program.

  "Licensed Patents" mean patent claims licensable by a Contributor which
  are necessarily infringed by the use or sale of its Contribution alone

or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor,

if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at
the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution. No hardware per se is
licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its knowledge it has
sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor may Distribute the Program under a license
different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all
warranties and conditions, express and implied, including
warranties or conditions of title and non-infringement, and
implied warranties or conditions of merchantability and fitness
for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all
liability for damages, including direct, indirect, special,
incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights
in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any
party to be under a license that satisfies the requirements
of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material in
a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,

damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of
such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS
AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
 EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,

estoppel
or otherwise. All rights in the Program not expressly granted
  under this Agreement are reserved. Nothing in this Agreement is intended
  to be enforceable by any entity that is not a Contributor or Recipient.
  No third-party beneficiary rights are created under this Agreement.

  Exhibit A - Form of Secondary Licenses Notice

  "This Source Code may also be made available under the following
  Secondary Licenses when the conditions for such availability set forth
  in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
  version(s), and exceptions or additional permissions here}."

   Simply including a copy of this Agreement, including this Exhibit A
   is not sufficient to license the Source Code under Secondary Licenses.

   If it is not possible or desirable to put the notice in a particular
   file, then You may include the notice in a location (such as a LICENSE
   file in a relevant directory) where a recipient would be likely
to
   look for such a notice.

   You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

  Copyright (C) 1989, 1991 Free Software Foundation, Inc.
  51 Franklin Street, Fifth Floor
  Boston, MA 02110-1335
  USA

  Everyone is permitted to copy and distribute verbatim copies
  of this license document, but changing it is not allowed.

  Preamble

  The licenses for most software are designed to take away your freedom to
  share and change it. By contrast, the GNU General Public License is
  intended to guarantee your freedom to share and change free software--to
  make sure the software is free for all its users. This General Public
  License applies to most of the Free Software Foundation's software and
  to any other program whose authors commit to using it. (Some other Free
  Software Foundation software is covered by the GNU Library General
  Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at
all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.

(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted,
and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications
or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how
to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If

identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections 1
and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your cost
of
physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to
distribute corresponding source code. (This alternative is allowed
only for noncommercial distribution and only if you received the
program in object code or executable form with such an offer, in
accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed

need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all
its terms and conditions for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you

could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
 certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software
Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we

sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

    One line to give the program's name and a brief idea of what it does.
    Copyright (C) <year> <name of author>

    This program is free software; you can redistribute it and/or modify
    it under the terms of the GNU General Public License as published by
    the Free Software Foundation; either version 2 of the License, or
    (at your option) any later version.

This
program is distributed in the hope that it will be useful, but
    WITHOUT ANY WARRANTY; without even the implied warranty of
    MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
    General Public License for more details.

    You should have received a copy of the GNU General Public License
    along with this program; if not, write to the Free Software
    Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

    Gnomovision version 69, Copyright (C) year name of author
    Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
    `show w'. This is free software, and you are welcome to redistribute
    it under certain conditions; type `show c' for details.

The hypothetical commands `show w'
and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

    Yoyodyne, Inc., hereby disclaims all copyright interest in the
    program `Gnomovision' (which makes passes at compilers) written by
    James Hacker.

    signature of Ty Coon, 1 April 1989
    Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
you do not wish to do so, delete this exception statement
from your version.

1.231 dropwizard-jersey-support 2.0.25
1.231.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this

License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and

do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all

other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2020 Dropwizard Team

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
 You may obtain a copy of
the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.232 aws-java-sdk-auth 2.16.85

1.232.1 Available under license :

AWS SDK for Java 2.0

Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by

Amazon Technologies, Inc (http://www.amazon.com/).

****

THIRD PARTY COMPONENTS

****

This software includes third party software subject to the following copyrights:

- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.

- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.

- Apache Commons Lang - https://github.com/apache/commons-lang

- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:

Apache Commons Lang

Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (https://www.apache.org/).

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership

of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

 3. Grant of Patent License. Subject to the terms and conditions of
    this
License, each Contributor hereby grants to You a perpetual,
    worldwide, non-exclusive, no-charge, royalty-free, irrevocable
    (except as stated in this section) patent license to make, have made,
    use, offer to sell, sell, import, and otherwise transfer the Work,
    where such license applies only to those patent claims licensable
    by such Contributor that are necessarily infringed by their
    Contribution(s) alone or by combination of their Contribution(s)
    with the Work to which such Contribution(s) was submitted. If You
    institute patent litigation against any entity (including a
    cross-claim or counterclaim in a lawsuit) alleging that the Work
    or a Contribution incorporated within the Work constitutes direct
    or contributory patent infringement, then any patent licenses
    granted to You under this License for that Work shall terminate
    as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
    Work or Derivative Works thereof in any medium, with or without
    modifications, and in Source or Object form, provided that You
    meet the following conditions:

    (a) You must give any other recipients of the Work or
        Derivative Works a copy of this License; and

    (b) You must cause any modified files to carry prominent notices
        stating that You changed the files; and

    (c) You must retain, in the Source form of any Derivative Works
        that You distribute, all copyright, patent, trademark, and
        attribution notices from the Source form of the Work,
        excluding those notices that do not pertain to any part of
        the Derivative Works; and

    (d) If the Work includes a "NOTICE" text file as part of its
        distribution, then any Derivative Works that You distribute must
        include a readable copy of the attribution notices contained
        within such NOTICE file, excluding
those notices that do not
        pertain to any part of the Derivative Works, in at least one
        of the following places: within a NOTICE text file distributed
        as part of the Derivative Works; within the Source form or

documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,

indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.

Such other license terms will then apply in lieu of the terms of the software license above.

1.233 aws-java-sdk-http-client-interface 2.16.85

1.233.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****
THIRD PARTY COMPONENTS
****

This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
Apache Commons Lang
Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all

other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.
Such other license terms will then apply in lieu of the terms of the software license above.

1.234 jersey-ext-entity-filtering 2.35

1.234.1 Available under license :

Notice for Jersey
This content is produced and maintained by the Eclipse Jersey project.

*   Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Angular JS, v1.6.6
* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org

* Coyright: (c) 2010-2017 Google, Inc.

aopalliance Version 1
* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net
* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2
* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/
* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap
 v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4
* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3

* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
*
 Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public
domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)
* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright
 (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology,
Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Eclipse Public License - v 2.0

    THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
    PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
    OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

 1. DEFINITIONS

 "Contribution" means:

  a) in the case of the initial Contributor, the initial content
     Distributed under this Agreement, and

b) in the case of each subsequent Contributor:

   i) changes to the Program, and

   ii) additions to the Program;

where such changes and/or additions to the Program originate from
and are Distributed by that particular Contributor. A Contribution
"originates" from a Contributor if it was added to the Program by
such Contributor itself or anyone acting on such Contributor's behalf.
Contributions do not include changes or additions to the Program that
are not Modified Works.

"Contributor" means any person or entity
that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which
are necessarily infringed by the use or sale of its Contribution alone
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity any new file
in Source Code form that
contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any

exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free
copyright
license to reproduce, prepare Derivative Works of, publicly display,
publicly perform, Distribute and sublicense the Contribution of such
Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free patent
license under Licensed Patents to make, use, sell, offer to sell,
import and otherwise transfer the Contribution of such Contributor,
if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at
the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution. No hardware per se is
licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its knowledge it has
sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License

(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor may Distribute the Program under a license
different than this Agreement, provided that such license:
 i) effectively disclaims on behalf of all other Contributors all
warranties and conditions, express and implied, including
warranties or conditions of title and non-infringement, and
implied warranties or conditions of merchantability and fitness
for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all
liability for damages, including direct, indirect, special,
incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights
in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any
party to be under a license that satisfies the requirements
of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material in
a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of

the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of
such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS
AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR

PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
 EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves

the right to publish new versions (including revisions) of
  this Agreement from time to time. No one other than the Agreement
  Steward has the right to modify this Agreement. The Eclipse Foundation
  is the initial Agreement Steward. The Eclipse Foundation may assign the
  responsibility to serve as the Agreement Steward to a suitable separate
  entity. Each new version of the Agreement will be given a distinguishing
  version number. The Program (including Contributions) may always be
  Distributed subject to the version of the Agreement under which it was
  received. In addition, after a new version of the Agreement is published,
  Contributor may elect to Distribute the Program (including its
  Contributions) under the new version.

  Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
  receives no rights or licenses to the intellectual property of any
  Contributor under this Agreement, whether expressly, by implication,
  estoppel
or otherwise. All rights in the Program not expressly granted
  under this Agreement are reserved. Nothing in this Agreement is intended
  to be enforceable by any entity that is not a Contributor or Recipient.
  No third-party beneficiary rights are created under this Agreement.

  Exhibit A - Form of Secondary Licenses Notice

  "This Source Code may also be made available under the following
  Secondary Licenses when the conditions for such availability set forth
  in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
  version(s), and exceptions or additional permissions here}."

   Simply including a copy of this Agreement, including this Exhibit A
   is not sufficient to license the Source Code under Secondary Licenses.

   If it is not possible or desirable to put the notice in a particular
   file, then You may include the notice in a location (such as a LICENSE
   file in a relevant directory) where a recipient would be likely
to
   look for such a notice.

   You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

  Copyright (C) 1989, 1991 Free Software Foundation, Inc.
  51 Franklin Street, Fifth Floor
  Boston, MA 02110-1335
  USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must

be licensed for everyone's free use or not licensed at
all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted,
and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications
or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

    a) You must cause the modified files to carry prominent notices
    stating that you changed the files and the date of any change.

    b) You must cause any work that you distribute or publish, that in
    whole or in part contains or is derived from the Program or any part
    thereof, to be licensed as a whole at no charge to all third parties

under the terms of this License.

    c) If the modified program normally reads commands interactively
    when run, you must cause it, when started running for such
    interactive use in the most ordinary way, to print or display an
    announcement including an appropriate copyright notice and a notice
    that there is no warranty (or else, saying that you provide a
    warranty) and that users may redistribute the program under these
    conditions, and telling the user how
to view a copy of this License.
    (Exception: if the Program itself is interactive but does not
    normally print such an announcement, your work based on the Program
    is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

    a) Accompany it with the complete corresponding machine-readable
    source code, which must be distributed under the terms of Sections 1
    and 2 above on a medium customarily used for software interchange; or,

    b) Accompany it with a written offer, valid for at least three
    years, to give any third party, for a charge no more than your cost
    of
physically performing source distribution, a complete
    machine-readable copy of the corresponding source code, to be

distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed
need not include anything that is
normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to

these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
 certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may

differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software
Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest

possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This
program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show w'
and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by

James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
 you do not wish to do so, delete this exception statement
from your version.

1.235 aws-java-sdk 2.16.85

1.235.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****
THIRD PARTY COMPONENTS
****
This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.

- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
Apache Commons Lang
Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their

Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf

of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.
Such other license terms will then apply in lieu of the terms of the software license above.

1.236 aws-java-sdk-sdk-core 2.16.85

1.236.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****
THIRD PARTY COMPONENTS

****

This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
 Apache Commons Lang
 Copyright 2001-2020 The Apache Software Foundation

 This product includes software developed at
 The Apache Software Foundation (https://www.apache.org/).

                        Apache License
                  Version 2.0, January 2004
                http://www.apache.org/licenses/

    TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

   1. Definitions.

      "License" shall mean the terms and conditions for use, reproduction,
      and distribution as defined by Sections 1 through 9 of this document.

      "Licensor" shall mean the copyright owner or entity authorized by
      the copyright owner that is granting the License.

      "Legal Entity" shall mean the union of the acting entity and all
      other entities that control, are controlled by, or are under common
      control with that entity. For the purposes of this definition,
      "control" means (i) the power, direct or indirect, to cause the
      direction or management of such entity, whether by contract or
      otherwise, or (ii) ownership of fifty percent (50%) or more of the
      outstanding shares, or (iii) beneficial ownership
   of such entity.

      "You" (or "Your") shall mean an individual or Legal Entity
      exercising permissions granted by this License.

      "Source" form shall mean the preferred form for making modifications,
      including but not limited to software source code, documentation
      source, and configuration files.

      "Object" form shall mean any form resulting from mechanical

transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,

use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,

or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

  To apply the Apache License to your work, attach the following
  boilerplate notice, with the fields enclosed by brackets "[]"
  replaced with your own identifying information. (Don't include
  the brackets!) The text should be enclosed in the appropriate
  comment syntax for the file format. We also recommend that a
  file or class name and description of purpose be included on the
  same "printed page" as the copyright notice for easier
  identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.
Such other license terms will then apply in lieu of the terms of the software license above.

1.237 dropwizard 2.0.25
1.237.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
    excluding those notices that do not pertain to any part of
    the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
    distribution, then any Derivative Works that You distribute must
    include a readable copy of the attribution notices contained
    within such NOTICE file, excluding
those notices that do not
    pertain to any part of the Derivative Works, in at least one
    of the following places: within a NOTICE text file distributed
    as part of the Derivative Works; within the Source form or
    documentation, if provided along with the Derivative Works; or,
    within a display generated by the Derivative Works, if and
    wherever such third-party notices normally appear. The contents
    of the NOTICE file are for informational purposes only and
    do not modify the License. You may add Your own attribution
    notices within Derivative Works that You distribute, alongside
    or as an addendum to the NOTICE text from the Work, provided
    that such additional attribution notices cannot be construed
    as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
   any Contribution intentionally submitted for inclusion in the Work
   by You to the Licensor shall be under the terms and conditions of
   this License, without any additional terms or conditions.
   Notwithstanding the above, nothing herein shall supersede or modify
   the terms of any separate license agreement you may have executed
   with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
   names, trademarks, service marks, or product names of the Licensor,
   except as required for reasonable and customary use in describing the
   origin of the Work and reproducing the

content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
   agreed to in writing, Licensor provides the Work (and each
   Contributor provides its Contributions) on an "AS IS" BASIS,
   WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
   implied, including, without limitation, any warranties or conditions
   of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
   PARTICULAR PURPOSE. You are solely responsible for determining the
   appropriateness of using or redistributing the Work and assume any
   risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2020 Dropwizard Team

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
 You may obtain a copy of
 the License at

    http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.238 metrics-jetty 4.1.25

1.238.1 Available under license :

Apache-2.0

1.239 dropwizard-validation-support 2.0.25

1.239.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* Hibernate Validator, declare and validate application constraints
*
* License: Apache License, Version 2.0
* See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.
*/

Found in path(s):
* /opt/cola/permits/1300428395_1650627620.63/0/dropwizard-validation-2-0-25-sources-
jar/io/dropwizard/validation/InterpolationHelper.java

1.240 aws-java-sdk-aws-core 2.16.85

1.240.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****

THIRD PARTY COMPONENTS
****

This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
 Apache Commons Lang
 Copyright 2001-2020 The Apache Software Foundation

 This product includes software developed at
 The Apache Software Foundation (https://www.apache.org/).

                  Apache License
               Version 2.0, January 2004
             http://www.apache.org/licenses/

  TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

  1. Definitions.

    "License" shall mean the terms and conditions for use, reproduction,
    and distribution as defined by Sections 1 through 9 of this document.

    "Licensor" shall mean the copyright owner or entity authorized by
    the copyright owner that is granting the License.

    "Legal Entity" shall mean the union of the acting entity and all
    other entities that control, are controlled by, or are under common
    control with that entity. For the purposes of this definition,
    "control" means (i) the power, direct or indirect, to cause the
    direction or management of such entity, whether by contract or
    otherwise, or (ii) ownership of fifty percent (50%) or more of the
    outstanding shares, or (iii) beneficial ownership
 of such entity.

    "You" (or "Your") shall mean an individual or Legal Entity
    exercising permissions granted by this License.

    "Source" form shall mean the preferred form for making modifications,
    including but not limited to software source code, documentation

source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this

License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must
       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding
those notices that do not
       pertain to any part of the Derivative Works, in at least one
       of the following places: within a NOTICE text file distributed
       as part of the Derivative Works; within the Source form or
       documentation, if provided along with the Derivative Works; or,
       within a display generated by the Derivative Works, if and
       wherever such third-party notices normally appear. The contents
       of the NOTICE file are for informational purposes only and
       do not modify the License. You may add Your own attribution
       notices within Derivative Works that You distribute, alongside
       or as an addendum to the NOTICE text from the Work, provided

that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.
Such other license terms will then apply in lieu of the terms of the software license above.

1.241 mime-streaming-extension 1.9.13

1.241.1 Available under license :

[//]: # " Copyright (c) 2018, 2020 Oracle and/or its affiliates. All rights reserved. "

[//]: # " "

[//]: # " This program and the accompanying materials are made available under the "

[//]: # " terms of the Eclipse Distribution License v. 1.0, which is available at "

[//]: # " http://www.eclipse.org/org/documents/edl-v10.php. "

[//]: # " "

[//]: # " SPDX-License-Identifier: BSD-3-Clause "

Notices for Eclipse Metro

This content is produced and maintained by the Eclipse Metro project.

* Project home: https://projects.eclipse.org/projects/ee4j.metro

Trademarks

Eclipse Metro is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available
 at
http://www.eclipse.org/org/documents/edl-v10.php.

SPDX-License-Identifier: BSD-3-Clause

Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/metro-xmlstreambuffer
* https://github.com/eclipse-ee4j/metro-policy
* https://github.com/eclipse-ee4j/metro-wsit
* https://github.com/eclipse-ee4j/metro-mimepull
* https://github.com/eclipse-ee4j/metro-ws-test-harness
* https://github.com/eclipse-ee4j/metro-package-rename-task
* https://github.com/eclipse-ee4j/metro-jax-ws
* https://github.com/eclipse-ee4j/metro-saaj
* https://github.com/eclipse-ee4j/metro-jwsdp-samples
* https://github.com/eclipse-ee4j/jax-rpc-ri

Third-party Content

This project leverages the following third party content.

addressing.xml Version: 2004/10 (n/a)

* License: W3C
* Project: https://www.w3.org/Submission/ws-addressing/
* Source: http://schemas.xmlsoap.org/ws/2004/08/addressing/

ant-launcher (1.10.2)

* License: Apache-2.0 AND SAX-PD AND W3C
* Project:
 https://ant.apache.org/
* Source:
  http://central.maven.org/maven2/org/apache/ant/ant-launcher/1.10.2/ant-launcher-1.10.2-sources.jar

Apache Ant (1.6)

* License: Apache-1.1
* Project: https://ant.apache.org/
* Source: https://repo1.maven.org/maven2/ant/ant/1.6/ant-1.6-sources.jar

Apache Ant (1.10.2)

* License: Apache-2.0 AND W3C AND LicenseRef-Public-Domain

commons-logging (1.1.2)

* License: Apache-2.0
* Project: https://commons.apache.org/proper/commons-logging/
* Source:
  http://central.maven.org/maven2/commons-logging/commons-logging/1.1.2/commons-logging-1.1.2-sources.jar

JUnit (4.12)

* License: Eclipse Public License

maven-core (3.5.2)

* License: Apache-2.0

maven-plugin-annotations (3.5.1)

* License: Apache-2.0
* Project:

https://maven.apache.org/plugin-tools/maven-plugin-annotations/project-info.html
* Source:
  https://github.com/apache/maven-plugin-tools/tree/maven-plugin-tools-3.5.1/maven-plugin-annotations

maven-plugin-api (3.5.2)

* License: Apache-2.0
*
 Project: https://maven.apache.org/
* Source: https://github.com/apache/maven/tree/master/maven-plugin-api

maven-resolver-api (1.1.1)

* License: Apache-2.0

maven-resolver-util (1.1.1)

* License: Apache-2.0

maven-settings (3.5.2)

* License: Apache-2.0

mex.xsd Version: 2004/09 (n/a)

* License: Oasis Style
* Project: https://www.w3.org/Submission/WS-MetadataExchange/#appendix-II
* Source: http://schemas.xmlsoap.org/ws/2004/09/mex/MetadataExchange.xsd

plexus-utils (3.1.0)

* License: Apache- 2.0 or Apache- 1.1 or BSD or Public Domain or Indiana
  University Extreme! Lab Software License V1.1.1 (Apache 1.1 style)

relaxng-datatype (1.0)

* License: New BSD license

stax2-api (4.1)

* License: Pending
* Project: https://github.com/FasterXML/stax2-api
* Source:
  http://central.maven.org/maven2/org/codehaus/woodstox/stax2-api/4.1/stax2-api-4.1-sources.jar

testng (6.14.2)

* License: Apache-2.0 AND MIT

* Project: https://testng.org/doc/index.html
* Source: https://github.com/cbeust/testng

woodstox-core-asl
 (4.4.1)

* License: Apache-2.0

woodstox-core-asl (5.1.0)

* License: Pending
* Project: https://github.com/FasterXML/woodstox
* Source: https://github.com/FasterXML/woodstox

ws-addr.wsd (1.0)

* License: W3C
* Project: https://www.w3.org/2005/08/addressing/
* Source: https://www.w3.org/2006/03/addressing/ws-addr.xsd

wsat.xsd Version: 2004/10 (n/a)

* License: Oasis Style
* Project: http://schemas.xmlsoap.org/ws/2004/10/wsat/
* Source: http://schemas.xmlsoap.org/ws/2004/10/wsat/wsat.xsd

wscoor.xsd (1.0)

* License: OASIS Style

wscoor.xsd (1.1)

* License: Oasis (Custom)
* Project: http://docs.oasis-open.org/ws-tx/wscoor/2006/06
* Source:
  http://docs.oasis-open.org/ws-tx/wscoor/2006/06/wstx-wscoor-1.1-schema-200701.xsd

wsrm Version: 2005/02 (n/a)

* License: Oasis (Custom)
* Project: http://schemas.xmlsoap.org/ws/2005/02/rm/
* Source:
  http://schemas.xmlsoap.org/ws/2005/02/rm/wsrm.xsd;%20http://schemas.xmlsoap.org/ws/2005/02/rm/wsrm-policy.xsd

wsrm.xsd
 (1.2)

* License: Oasis

wstx-wsat.xsd (1.1)

* License: Oasis (Custom)

xmlsec (1.5.8)

* License: Apache-2.0
* Project: http://santuario.apache.org/
* Source:
  https://repo1.maven.org/maven2/org/apache/santuario/xmlsec/1.5.8/xmlsec-1.5.8-sources.jar

Cryptography

Content may contain encryption software. The country in which you are currently
may have restrictions on the import, possession, and use, and/or re-export to
another country, of encryption software. BEFORE using any encryption software,
please check the country's laws, regulations and policies concerning the import,
possession, or use, and re-export of encryption software, to see if this is
permitted.
[//]: # " Copyright (c) 2018, 2020 Oracle and/or its affiliates. All rights reserved. "
[//]: # " "
[//]: # " This program and the accompanying materials are made available under the "
[//]: # " terms of the Eclipse Distribution License v. 1.0, which is available at "
[//]: # " http://www.eclipse.org/org/documents/edl-v10.php. "
[//]: # " "
[//]: # " SPDX-License-Identifier: BSD-3-Clause "

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

 - Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.

 - Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the distribution.

 - Neither the name of the Eclipse Foundation,
 Inc. nor the names of its
   contributors may be used to endorse or promote products derived
   from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS

IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.242 jackson-integration-for-metrics 4.1.25

1.242.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics.servlets

Build-Jdk: 1.8.0_292

Built-By: runner

Bundle-Description: A set of utility servlets for Metrics, allowing yo

u to expose valuable information about   your production environ

ment.

Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html

Bundle-ManifestVersion: 2

Bundle-Name: Metrics Utility Servlets

Bundle-SymbolicName: io.dropwizard.metrics.servlets

Bundle-Version: 4.1.25

Created-By: Apache Maven Bundle Plugin

Export-Package: com.codahale.metrics.servlets;uses:="com.codahale.metr

ics,com.codahale.metrics.health,com.fasterxml.jackson.databind,javax.

servlet,javax.servlet.http";version="4.1.25"

Implementation-Title: Metrics Utility Servlets

Implementation-URL: https://metrics.dropwizard.io/metrics-servlets

Implementation-Vendor-Id: io.dropwizard.metrics

Implementation-Version: 4.1.25

Import-Package: javax.servlet;version="[2.5.0,4.0.0)",javax.servlet.ht

 tp;version="[2.5.0,4.0.0)",com.codahale.metrics;version="[4.1,5)",com

.codahale.metrics.health;version="[4.1,5)",com.codahale.metrics.json;

version="[4.1,5)",com.codahale.metrics.jvm;version="[4.1,5)",com.fast

erxml.jackson.databind;version="[2.9,3)",com.fasterxml.jackson.databi

nd.util;version="[2.9,3)",com.papertrail.profiler;version="[1.1,2)"

Private-Package: com.codahale.metrics.servlets

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-5.1.1.202006162103

Found in path(s):

1.243 aws-java-sdk-::-arns 2.16.85

1.243.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****
THIRD PARTY COMPONENTS
****
This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
 Apache Commons Lang
 Copyright 2001-2020 The Apache Software Foundation

 This product includes software developed at
 The Apache Software Foundation (https://www.apache.org/).

                      Apache License
                 Version 2.0, January 2004
               http://www.apache.org/licenses/

    TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

    1. Definitions.

      "License" shall mean the terms and conditions for use, reproduction,
      and distribution as defined by Sections 1 through 9 of this document.

      "Licensor" shall mean the copyright owner or entity authorized by
      the copyright owner that is granting the License.

      "Legal Entity" shall mean the union of the acting entity and all
      other entities that control, are controlled by, or are under common
      control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and

subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must
       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding

those notices that do not

      pertain to any part of the Derivative Works, in at least one
      of the following places: within a NOTICE text file distributed
      as part of the Derivative Works; within the Source form or
      documentation, if provided along with the Derivative Works; or,
      within a display generated by the Derivative Works, if and
      wherever such third-party notices normally appear. The contents
      of the NOTICE file are for informational purposes only and
      do not modify the License. You may add Your own attribution
      notices within Derivative Works that You distribute, alongside
      or as an addendum to the NOTICE text from the Work, provided
      that such additional attribution notices cannot be construed
      as modifying the License.

  You may add Your own copyright statement to Your modifications and
  may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
  for any such Derivative Works as a whole, provided Your use,
  reproduction, and distribution of the Work otherwise complies with
  the conditions stated in this License.

 5. Submission of Contributions. Unless You explicitly state otherwise,
  any Contribution intentionally submitted for inclusion in the Work
  by You to the Licensor shall be under the terms and conditions of
  this License, without any additional terms or conditions.
  Notwithstanding the above, nothing herein shall supersede or modify
  the terms of any separate license agreement you may have executed
  with Licensor regarding such Contributions.

 6. Trademarks. This License does not grant permission to use the trade
  names, trademarks, service marks, or product names of the Licensor,
  except as required for reasonable and customary use in describing the
  origin of the Work and reproducing the
content of the NOTICE file.

 7. Disclaimer of Warranty. Unless required by applicable law or
  agreed to in writing, Licensor provides the Work (and each
  Contributor provides its Contributions) on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
  implied, including, without limitation, any warranties or conditions
  of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
  PARTICULAR PURPOSE. You are solely responsible for determining the
  appropriateness of using or redistributing the Work and assume any
  risks associated with Your exercise of permissions under this License.

 8. Limitation of Liability. In no event and under no legal theory,
  whether in tort (including negligence), contract, or otherwise,

unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed with the accompanying software if such terms are included in the directory containing the accompanying software. Such other license terms will then apply in lieu of the terms of the software license above.

1.244 checkstyle 8.41.1

1.244.1 Available under license :

Found license 'GNU Lesser General Public License' in '// This library is free software; you can redistribute it and/or // modify it under the terms of the GNU Lesser General Public // License as published by the Free Software Foundation; either // version 2.1 of the License, or (at your option) any later version. // This library is distributed in the hope that it will be useful, // but WITHOUT ANY WARRANTY; without even the implied warranty of // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU // Lesser General Public License for more details. // You should have received a copy of the GNU Lesser General Public * for more details.'

Found license 'GNU Lesser General Public License' in '// This library is free software; you can redistribute it and/or // modify it under the terms of the GNU Lesser General Public // License as published by the Free Software Foundation; either // version 2.1 of the License, or (at your option) any later version. // This library is distributed in the hope that it will be useful, // but WITHOUT ANY WARRANTY; without even the implied warranty of // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU // Lesser General Public License for more details. // You should have received a copy of the GNU Lesser General Public * This grammar is in the PUBLIC DOMAIN'

Found license 'GNU Lesser General Public License' in '// This library is free software; you can redistribute it and/or // modify it under the terms of the GNU Lesser General Public // License as published by the Free Software Foundation; either // version 2.1 of the License, or (at your option) any later version. // This library is distributed in the hope that it will be useful, // but WITHOUT ANY WARRANTY; without even the implied warranty of // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU // Lesser General Public License for more details. // You should have received a copy of the GNU Lesser General Public'

Found license 'GNU Lesser General Public License' in '// This library is free software; you can redistribute it and/or // modify it under the terms of the GNU Lesser General Public // License as published by the Free Software Foundation; either // version 2.1 of the License, or (at your option) any later version. // This library is distributed in the hope that it will be useful, // but WITHOUT ANY WARRANTY; without even the implied warranty of // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU // Lesser General Public License for more details. // You should have received a copy of the GNU Lesser General Public *   * More details. * * More details.'

Found license 'GNU Lesser General Public License' in '// This library is free software; you can redistribute it and/or // modify it under the terms of the GNU Lesser General Public // License as published by the Free Software Foundation; either // version 2.1 of the License, or (at your option) any later version. // This library is distributed in the hope that it will be useful, // but WITHOUT ANY WARRANTY; without even the implied warranty of // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU // Lesser General Public License for more details. // You should have received a copy of the GNU Lesser General Public * // All rights reserved *   value="// Copyright (C) 2004 MyCompany\n// All rights reserved"/>'

Found license 'GNU Lesser General Public License' in '// This library is free software; you can redistribute it and/or // modify it under the terms of the GNU Lesser General Public // License as published by the Free Software Foundation; either // version 2.1 of the License, or (at your option) any later version. // This library is distributed in the hope that it will be useful, // but WITHOUT ANY WARRANTY; without even the implied warranty of // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU // Lesser General Public License for more details. // You should have received a copy of the GNU Lesser General Public * header

specification (note that this is not the full Apache license header): * line 5: ^\W*Licensed under the Apache License, Version 2\.0 \(the "License"\);$ * ^// All rights reserved$ *   \n^// All rights reserved$"/>'

Found license 'GNU Lesser General Public License' in '// This library is free software; you can redistribute it and/or // modify it under the terms of the GNU Lesser General Public // License as published by the Free Software Foundation; either // version 2.1 of the License, or (at your option) any later version. // This library is distributed in the hope that it will be useful, // but WITHOUT ANY WARRANTY; without even the implied warranty of // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU // Lesser General Public License for more details. // You should have received a copy of the GNU Lesser General Public * // All rights reserved *   value="\A// Copyright \(C\) \d\d\d\d MyCompany\n// All rights reserved"/> * * This software is the confidential and proprietary information of ACME. * * ("Confidential Information"). You shall not disclose such * * Confidential Information and shall use it only in accordance with * *   <I>This software is the confidential and

 proprietary information of * *   ACME (<B>"Confidential Information"</B>). You shall not * * disclose such Confidential Information and shall use it only in *   * This software is the confidential and proprietary information *   of ACME\.\n * \(&quot;Confidential Information&quot;\)\. You *   shall not disclose such\n * Confidential Information and shall *   This software is the confidential and proprietary information of\n *   *   ACME \(<B>&quot;Confidential Information&quot;</B> *   \)\. You shall not\n *   disclose such Confidential Information'

Found license 'GNU Lesser General Public License' in '// This library is free software; you can redistribute it and/or // modify it under the terms of the GNU Lesser General Public // License as published by the Free Software Foundation; either // version 2.1 of the License, or (at your option) any later version. // This library is distributed in the hope that it will be useful, // but WITHOUT ANY WARRANTY; without even the implied warranty of // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU // Lesser General Public License for more details. // You should have received a copy of the GNU Lesser General Public *   * More details. * * More details.'

1.245 dropwizard-servlet-support 2.0.25
1.245.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and

subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   (except as stated in this section) patent license to make, have made,
   use, offer to sell, sell, import, and otherwise transfer the Work,
   where such license applies only to those patent claims licensable
   by such Contributor that are necessarily infringed by their
   Contribution(s) alone or by combination of their Contribution(s)
   with the Work to which such Contribution(s) was submitted. If You
   institute patent litigation against any entity (including a
   cross-claim or counterclaim in a lawsuit) alleging that the Work
   or a Contribution incorporated within the Work constitutes direct
   or contributory patent infringement, then any patent licenses
   granted to You under this License for that Work shall terminate
   as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
   Work or Derivative Works thereof in any medium, with or without
   modifications, and in Source or Object form, provided that You
   meet the following conditions:

   (a) You must give any other recipients of the Work or
       Derivative Works a copy of this License; and

   (b) You must cause any modified files to carry prominent notices
       stating that You changed the files; and

   (c) You must retain, in the Source form of any Derivative Works
       that You distribute, all copyright, patent, trademark, and
       attribution notices from the Source form of the Work,
       excluding those notices that do not pertain to any part of
       the Derivative Works; and

   (d) If the Work includes a "NOTICE" text file as part of its
       distribution, then any Derivative Works that You distribute must
       include a readable copy of the attribution notices contained
       within such NOTICE file, excluding

those notices that do not

      pertain to any part of the Derivative Works, in at least one
      of the following places: within a NOTICE text file distributed
      as part of the Derivative Works; within the Source form or
      documentation, if provided along with the Derivative Works; or,
      within a display generated by the Derivative Works, if and
      wherever such third-party notices normally appear. The contents
      of the NOTICE file are for informational purposes only and
      do not modify the License. You may add Your own attribution
      notices within Derivative Works that You distribute, alongside
      or as an addendum to the NOTICE text from the Work, provided
      that such additional attribution notices cannot be construed
      as modifying the License.

  You may add Your own copyright statement to Your modifications and
  may provide additional or different license terms and conditions

 for use, reproduction, or distribution of Your modifications, or
  for any such Derivative Works as a whole, provided Your use,
  reproduction, and distribution of the Work otherwise complies with
  the conditions stated in this License.

 5. Submission of Contributions. Unless You explicitly state otherwise,
  any Contribution intentionally submitted for inclusion in the Work
  by You to the Licensor shall be under the terms and conditions of
  this License, without any additional terms or conditions.
  Notwithstanding the above, nothing herein shall supersede or modify
  the terms of any separate license agreement you may have executed
  with Licensor regarding such Contributions.

 6. Trademarks. This License does not grant permission to use the trade
  names, trademarks, service marks, or product names of the Licensor,
  except as required for reasonable and customary use in describing the
  origin of the Work and reproducing the
content of the NOTICE file.

 7. Disclaimer of Warranty. Unless required by applicable law or
  agreed to in writing, Licensor provides the Work (and each
  Contributor provides its Contributions) on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
  implied, including, without limitation, any warranties or conditions
  of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
  PARTICULAR PURPOSE. You are solely responsible for determining the
  appropriateness of using or redistributing the Work and assume any
  risks associated with Your exercise of permissions under this License.

 8. Limitation of Liability. In no event and under no legal theory,
  whether in tort (including negligence), contract, or otherwise,

unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2020 Dropwizard Team

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of
the License at

   http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and

limitations under the License.

1.246 dropwizard-logging-support 2.0.25

1.246.1 Available under license :

Found license 'Eclipse Public License 1.0' in '* Copyright (C) 1999-2015, QOS.ch. All rights reserved. * This program and the accompanying materials are dual-licensed under * either the terms of the Eclipse Public License v1.0 as published by * under the terms of the GNU Lesser General Public License version 2.1 * as published by the Free Software Foundation.'

Found license 'GNU Lesser General Public License' in '* Copyright (C) 1999-2015, QOS.ch. All rights reserved. * This program and the accompanying materials are dual-licensed under * either the terms of the Eclipse Public License v1.0 as published by * under the terms of the GNU Lesser General Public License version 2.1 * as published by the Free Software Foundation.'

1.247 metrics-integration-for-jersey-2.x 4.1.25

1.247.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics.jersey2

Build-Jdk: 1.8.0_292

Built-By: runner

Bundle-Description: A set of class providing Metrics integration for J

ersey, the reference JAX-RS   implementation.

Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html

Bundle-ManifestVersion: 2

Bundle-Name: Metrics Integration for Jersey 2.x

Bundle-SymbolicName: io.dropwizard.metrics.jersey2

Bundle-Version: 4.1.25

Created-By: Apache Maven Bundle Plugin

Export-Package: com.codahale.metrics.jersey2;uses:="com.codahale.metri

cs,javax.ws.rs.core,javax.ws.rs.ext,org.glassfish.jersey.server.model

,org.glassfish.jersey.server.monitoring";version="4.1.25"

Implementation-Title: Metrics Integration for Jersey 2.x

Implementation-URL: https://metrics.dropwizard.io/metrics-jersey2

Implementation-Vendor-Id: io.dropwizard.metrics

Implementation-Version: 4.1.25

Import-Package: com.codahale.metrics;version="[4.1,5)",com.codahale.me

 trics.annotation;version="[4.1,5)",javax.ws.rs.core;version="[2.1,3)"

,javax.ws.rs.ext;version="[2.1,3)",org.glassfish.jersey.server;versio

n="[2.33,3)",org.glassfish.jersey.server.model;version="[2.33,3)",org

.glassfish.jersey.server.monitoring;version="[2.33,3)"

Private-Package: com.codahale.metrics.jersey2

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-5.1.1.202006162103

Found in path(s):

* /opt/cola/permits/1300428219_1649930652.24/0/metrics-jersey2-4-1-25-jar/META-INF/MANIFEST.MF

1.248 aws-java-sdk-core-protocols-aws-xml-protocol 2.16.85

1.248.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****
THIRD PARTY COMPONENTS
****
This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
 Apache Commons Lang
 Copyright 2001-2020 The Apache Software Foundation

 This product includes software developed at
 The Apache Software Foundation (https://www.apache.org/).

                    Apache License
                Version 2.0, January 2004
              http://www.apache.org/licenses/

    TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

    1. Definitions.

      "License" shall mean the terms and conditions for use, reproduction,
      and distribution as defined by Sections 1 through 9 of this document.

      "Licensor" shall mean the copyright owner or entity authorized by
      the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise

designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this
License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the

content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
   incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.
Such other license terms will then apply in lieu of the terms of the software license above.

1.249 netty-project 4.1.63.Final
1.249.1 Available under license :
No license file was found, but licenses were detected in source scan.

~ Copyright 2014 The Netty Project

~

~ The Netty Project licenses this file to you under the Apache License,

~ version 2.0 (the "License"); you may not use this file except in compliance

~ with the License. You may obtain a copy of the License at:

~

~   https://www.apache.org/licenses/LICENSE

2.0

~

~ Unless required by applicable law or agreed to in writing, software

~ distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

~ License for the specific language governing permissions and limitations

~ under the License.

Found in path(s):

* /opt/cola/permits/1300428447_1649930101.74/0/netty-transport-native-epoll-4-1-63-final-linux-x86-64-
jar/META-INF/maven/io.netty/netty-transport-native-epoll/pom.xml
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Implementation-Title: Netty/Transport/Native/Epoll
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for   rapid development of maintainable high perfo
rmance protocol servers and   clients.
Automatic-Module-Name: io.netty.transport.epoll
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.transport-native-epoll
Implementation-Version: 4.1.63.Final
Built-By: root
Bnd-LastModified: 1617274994576
Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty

Bundle-DocURL: https://netty.io/

Bundle-Vendor: The Netty Project

Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel,io.
netty.channel.socket;version="[4.1,5)",io.netty.channel.unix;version=
"[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.collection;ve
rsion="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",io.netty.u
til.internal;version="[4.1,5)",io.netty.util.internal.logging;version
="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;vers
ion="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2
)";resolution:=optional

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-2.4.1.201501161923

Implementation-Vendor: The Netty Project

Export-Package: io.netty.channel.epoll;uses:="io.netty.buffer,io.netty
.channel,io.netty.channel.socket,io.netty.channel.unix,io.netty.util,
io.netty.util.concurrent";version="4.1.63"

Bundle-Name: Netty/Transport/Native/Epoll

Bundle-Version: 4.1.63.Final

Bundle-NativeCode: META-INF/native/libnetty_transport_native_epoll_x86
_64.so; osname=Linux; processor=x86_64,*

Created-By: Apache Maven Bundle Plugin

Build-Jdk: 1.8.0_272

Implementation-URL: https://netty.io/netty-transport-native-epoll/

Found in path(s):

* /opt/cola/permits/1300428447_1649930101.74/0/netty-transport-native-epoll-4-1-63-final-linux-x86-64-
jar/META-INF/MANIFEST.MF

1.250 metrics-integration-for-caffeine 4.1.25

1.250.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics.caffeine

Build-Jdk: 1.8.0_292

Built-By: runner

Bundle-Description: Metrics Integration for Caffeine.

Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html

Bundle-ManifestVersion: 2

Bundle-Name: Metrics Integration for Caffeine

Bundle-SymbolicName: io.dropwizard.metrics.caffeine

Bundle-Version: 4.1.25

Created-By: Apache Maven Bundle Plugin

Export-Package: com.codahale.metrics.caffeine;uses:="com.codahale.metr
ics,com.github.benmanes.caffeine.cache,com.github.benmanes.caffeine.c

ache.stats,org.checkerframework.checker.index.qual";version="4.1.25"

Implementation-Title: Metrics Integration for Caffeine

Implementation-URL: https://metrics.dropwizard.io/metrics-caffeine

Implementation-Vendor-Id: io.dropwizard.metrics

Implementation-Version: 4.1.25

Import-Package: com.codahale.metrics;version="[4.1,5)",com.github.benm

anes.caffeine.cache;version="[2.9,3)",com.github.benmanes.caffeine.ca

 che.stats;version="[2.9,3)",org.checkerframework.checker.index.qual;v

ersion="[3.16,4)"

Private-Package: com.codahale.metrics.caffeine

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-5.1.1.202006162103

Found in path(s):

* /opt/cola/permits/1300428007_1649177695.85/0/metrics-caffeine-4-1-25-jar/META-INF/MANIFEST.MF

1.251 software.amazon.awssdk.crt:aws-crt 0.8.2

1.251.1 Available under license :

No license file was found, but licenses were detected in source scan.

<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>

Found in path(s):

* /opt/cola/permits/1300428266_1649930318.53/0/aws-crt-0-8-2-jar/META-INF/maven/software.amazon.awssdk.crt/aws-crt/pom.xml

1.252 jersey-ext-bean-validation 2.33

1.252.1 Available under license :

Notice for Jersey

This content is produced and maintained by the Eclipse Jersey project.

* Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks

Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For

more information regarding authorship of content, please consult the listed

source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Angular JS, v1.6.6
* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org
* Coyright: (c) 2010-2017 Google, Inc.

aopalliance Version 1
* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net
* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2
* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/
* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap
 v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0

* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4
* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3
* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
*
 Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public
domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)
* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright
 (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology,
Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Notice for Jersey Bean Validation module
This content is produced and maintained by the Eclipse Jersey project.

* https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/

* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content
   Distributed under this Agreement, and

b) in the case of each subsequent Contributor:
   i) changes to the Program, and
   ii) additions to the Program;
where such changes and/or additions to the Program originate from
and are Distributed by that particular Contributor. A Contribution
"originates" from a Contributor if it was added to the Program by
such Contributor itself or anyone acting on such Contributor's behalf.
Contributions do not include changes or additions to the Program that
are not Modified Works.

"Contributor" means any person or entity
that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which
are necessarily infringed by the use or sale of its Contribution alone
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity any new file
in Source Code form that
contains any contents of the Program. Modified
Works shall not include works that contain only declarations,

interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free
copyright
license to reproduce, prepare Derivative Works of, publicly display,
publicly perform, Distribute and sublicense the Contribution of such
Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free patent
license under Licensed Patents to make, use, sell, offer to sell,
import and otherwise transfer the Contribution of such Contributor,
if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at
the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution. No hardware per se is
licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party

patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its knowledge it has
sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor may Distribute the Program under a license
different than this Agreement, provided that such license:
  i) effectively disclaims on behalf of all other Contributors all
  warranties and conditions, express and implied, including
  warranties or conditions of title and non-infringement, and
  implied warranties or conditions of merchantability and fitness
  for a particular purpose;

  ii) effectively excludes on behalf of all other Contributors all
  liability for damages, including direct, indirect, special,
  incidental and consequential damages, such as lost profits;

  iii) does not attempt to limit or alter the recipients' rights
  in the Source Code under section 3.2; and

  iv) requires any subsequent distribution of the Program by any
  party to be under a license that satisfies the requirements
  of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the

Program (i) is combined with other material in
a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of
such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to

defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS
AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
 EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel
or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A
is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely

to
look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and

(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at
all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted,
and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and

you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications
or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how
to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of
physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed
need not include anything that is
normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have

their licenses terminated so long as such parties remain in
  full compliance.

  5. You are not required to accept this License, since you have not
  signed it. However, nothing else grants you permission to modify or
  distribute the Program or its derivative works. These actions are
  prohibited by law if you do not accept this License. Therefore, by
  modifying or distributing the Program (or any work based on the
  Program), you indicate your acceptance of this License to do so, and all
  its terms and conditions for copying, distributing or modifying the
  Program or works based on it.

  6. Each time you redistribute the Program (or any work based on the
  Program), the recipient automatically receives a license from the
  original licensor to copy, distribute or modify the Program subject to
  these terms and conditions. You may not impose any further restrictions
  on the recipients' exercise of the rights granted herein. You are not
  responsible
for enforcing compliance by third parties to this License.

  7. If, as a consequence of a court judgment or allegation of patent
  infringement or for any other reason (not limited to patent issues),
  conditions are imposed on you (whether by court order, agreement or
  otherwise) that contradict the conditions of this License, they do not
  excuse you from the conditions of this License. If you cannot distribute
  so as to satisfy simultaneously your obligations under this License and
  any other pertinent obligations, then as a consequence you may not
  distribute the Program at all. For example, if a patent license would
  not permit royalty-free redistribution of the Program by all those who
  receive copies directly or indirectly through you, then the only way you
  could satisfy both it and this License would be to refrain entirely from
  distribution of the Program.

  If any portion of this section is held invalid or unenforceable under
  any particular
circumstance, the balance of the section is intended to
  apply and the section as a whole is intended to apply in other
  circumstances.

  It is not the purpose of this section to induce you to infringe any
  patents or other property right claims or to contest validity of any
  such claims; this section has the sole purpose of protecting the
  integrity of the free software distribution system, which is implemented
  by public license practices. Many people have made generous
  contributions to the wide range of software distributed through that
  system in reliance on consistent application of that system; it is up to
  the author/donor to decide if he or she is willing to distribute
  software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
 certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software
Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN

WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does. Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This
program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type

`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show w'
and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
you do not wish to do so, delete this exception statement
from your version.

1.253 antlr 4.9.2

1.253.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 *  Copyright (c) 2012-2016 Terence Parr
 *  Copyright (c) 2012-2016 Sam Harwell
 *  All rights reserved.
 *
 *  Redistribution and use in source and binary forms, with or without
 *  modification, are permitted provided that the following conditions
 *  are met:
 *
 *  1. Redistributions of source code must retain the above copyright
 *     notice, this list of conditions and the following disclaimer.
 *  2. Redistributions in binary form must reproduce the above copyright
 *     notice, this list of conditions and the following disclaimer in the
 *     documentation and/or other materials provided with the distribution.
 *  3. The name of the author may not be used to endorse or promote products
 *     derived from this software without specific prior written permission.
 *
 *  THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 *  IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
 *  OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 *  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 *  INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 *  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

/** Find left-recursive rules */
tree grammar LeftRecursiveRuleWalker;

options {
 tokenVocab=ANTLRParser;
   ASTLabelType=GrammarAST;
}

@header {
package org.antlr.v4.parse;
```

```
import org.antlr.v4.misc.*;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
}

@members {
private String ruleName;
private int currentOuterAltNumber; // which outer alt of rule?
public
 int numAlts;  // how many alts for this rule total?

public void setAltAssoc(AltAST altTree, int alt) {}
public void binaryAlt(AltAST altTree, int alt) {}
public void prefixAlt(AltAST altTree, int alt) {}
public void suffixAlt(AltAST altTree, int alt) {}
public void otherAlt(AltAST altTree, int alt) {}
public void setReturnValues(GrammarAST t) {}
}

@rulecatch { }

// TODO: can get parser errors for not matching pattern; make them go away
public
rec_rule returns [boolean isLeftRec]
@init
{
 currentOuterAltNumber = 1;
}
 : ^( r=RULE id=RULE_REF {ruleName=$id.getText();}
   ruleModifier?
//   (ARG_ACTION)? shouldn't allow args, right?
   (^(RETURNS a=ARG_ACTION {setReturnValues($a);}))?
//      ( ^(THROWS .+) )? don't allow
     ( ^(LOCALS ARG_ACTION) )? // TODO: copy these to gen'd code
     ( ^(OPTIONS .*)
     | ^(AT ID ACTION) // TODO: copy
     )*
   ruleBlock {$isLeftRec = $ruleBlock.isLeftRec;}
   exceptionGroup
  )
 ;

exceptionGroup
  : exceptionHandler* finallyClause?
  ;

exceptionHandler
```

```
  : ^(CATCH ARG_ACTION ACTION)
  ;

finallyClause
  : ^(FINALLY ACTION)
  ;

ruleModifier
   : PUBLIC
   | PRIVATE
   | PROTECTED
   ;

ruleBlock returns [boolean isLeftRec]
@init{boolean lr=false; this.numAlts = $start.getChildCount();}
  : ^( BLOCK
    (
     o=outerAlternative
     {if ($o.isLeftRec) $isLeftRec = true;}
     {currentOuterAltNumber++;}
    )+
   )
  ;

/** An alt is either prefix, suffix, binary, or ternary operation or "other" */
outerAlternative returns [boolean isLeftRec]
    :  (binary)=>      binary
                  {binaryAlt((AltAST)$start, currentOuterAltNumber); $isLeftRec=true;}
   |  (prefix)=>      prefix
                  {prefixAlt((AltAST)$start, currentOuterAltNumber);}
   |  (suffix)=>      suffix
                  {suffixAlt((AltAST)$start, currentOuterAltNumber); $isLeftRec=true;}
   |  nonLeftRecur      {otherAlt((AltAST)$start,  currentOuterAltNumber);}
   ;

binary
  : ^(
  ALT elementOptions? recurse element* recurse epsilonElement* )
      {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
  ;

prefix
  : ^( ALT elementOptions?
    element+
    recurse epsilonElement*
   )
      {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
  ;
```

```
suffix
  : ^( ALT elementOptions? recurse element+ )
    {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
  ;


nonLeftRecur
  : ^(ALT elementOptions? element+)
  ;


recurse
 : ^(ASSIGN ID recurseNoLabel)
 | ^(PLUS_ASSIGN ID recurseNoLabel)
 | recurseNoLabel
 ;


recurseNoLabel : {((CommonTree)input.LT(1)).getText().equals(ruleName)}? RULE_REF;


token returns [GrammarAST t=null]
 : ^(ASSIGN ID s=token {$t = $s.t;})
 | ^(PLUS_ASSIGN ID s=token {$t = $s.t;})
 | b=STRING_LITERAL        {$t = $b;}
  | ^(b=STRING_LITERAL elementOptions) {$t = $b;}
  | ^(c=TOKEN_REF elementOptions)   {$t = $c;}
 | c=TOKEN_REF          {$t = $c;}
 ;


elementOptions
  : ^(ELEMENT_OPTIONS elementOption*)

 ;


elementOption
  : ID
  |  ^(ASSIGN ID ID)
  |  ^(ASSIGN ID STRING_LITERAL)
  |  ^(ASSIGN ID ACTION)
  |  ^(ASSIGN ID INT)
  ;


element
 : atom
 | ^(NOT element)
 | ^(RANGE atom atom)
 | ^(ASSIGN ID element)
 | ^(PLUS_ASSIGN ID element)
  | ^(SET setElement+)
  |  RULE_REF
```

```
| ebnf
| epsilonElement
;

epsilonElement
 : ACTION
 | SEMPRED
 | EPSILON
 | ^(ACTION elementOptions)
 | ^(SEMPRED elementOptions)
 ;

setElement
 : ^(STRING_LITERAL elementOptions)
 | ^(TOKEN_REF elementOptions)
 | STRING_LITERAL
 | TOKEN_REF
 ;

ebnf:   block
   |  ^( OPTIONAL block )
   |  ^( CLOSURE block )
   |  ^( POSITIVE_CLOSURE block )
   ;

block
   : ^(BLOCK ACTION? alternative+)
   ;

alternative
 : ^(ALT elementOptions? element+)
   ;

atom
 : ^(RULE_REF ARG_ACTION? elementOptions?)
   | ^(STRING_LITERAL elementOptions)
 | STRING_LITERAL
   | ^(TOKEN_REF elementOptions)
 | TOKEN_REF
   | ^(WILDCARD elementOptions)
 | WILDCARD
 | ^(DOT ID element)
 ;
```

Found in path(s):
*
 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/parse/LeftRecursiveRuleWalker.g

No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 *  Copyright (c) 2012-2016 Terence Parr
 *  Copyright (c) 2012-2016 Sam Harwell
 *  All rights reserved.
 *
 *  Redistribution and use in source and binary forms, with or without
 *  modification, are permitted provided that the following conditions
 *  are met:
 *
 *  1. Redistributions of source code must retain the above copyright
 *     notice, this list of conditions and the following disclaimer.
 *  2. Redistributions in binary form must reproduce the above copyright
 *     notice, this list of conditions and the following disclaimer in the
 *     documentation and/or other materials provided with the distribution.
 *  3. The name of the author may not be used to endorse or promote products
 *     derived from this software without specific prior written permission.
 *
 *  THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 *  IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
 *  OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 *  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 *  INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 *  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

/** The definitive ANTLR v3 tree grammar to walk/visit ANTLR v4 grammars.
 *  Parses trees created by ANTLRParser.g.
 *
 *  Rather than have multiple tree grammars, one for each visit, I'm
 *  creating this generic visitor that knows about context. All of the
 *  boilerplate pattern recognition is done here. Then, subclasses can
 *  override the methods they care about.
 This prevents a lot of the same
 *  context tracking stuff like "set current alternative for current
 *  rule node" that is repeated in lots of tree filters.
 */
tree grammar GrammarTreeVisitor;
options {
 language     = Java;
 tokenVocab   = ANTLRParser;
```

```
 ASTLabelType  = GrammarAST;
}

// Include the copyright in this source and also the generated source
@header {
/*
[The "BSD license"]
Copyright (c) 2011 Terence Parr
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse
 or promote products
   derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
package org.antlr.v4.parse;
import org.antlr.v4.Tool;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.lang.reflect.InvocationTargetException;
import java.lang.reflect.Method;
}

@members
 {
public String grammarName;
public GrammarAST currentRuleAST;
public String currentModeName = LexerGrammar.DEFAULT_MODE_NAME;
public String currentRuleName;
```

```java
public GrammarAST currentOuterAltRoot;
public int currentOuterAltNumber = 1; // 1..n
public int rewriteEBNFLevel = 0;

public GrammarTreeVisitor() { this(null); }

// Should be abstract but can't make gen'd parser abstract;
// subclasses should implement else everything goes to stderr!
public ErrorManager getErrorManager() { return null; }

public void visitGrammar(GrammarAST t) { visit(t, "grammarSpec"); }
public void visit(GrammarAST t, String ruleName) {
CommonTreeNodeStream nodes = new CommonTreeNodeStream(new GrammarASTAdaptor(), t);
setTreeNodeStream(nodes);
try {
Method m = getClass().getMethod(ruleName);
m.invoke(this);
}
catch (Throwable e) {
ErrorManager errMgr = getErrorManager();
if ( e instanceof InvocationTargetException ) {
e = e.getCause();
}
//e.printStackTrace(System.err);
if
( errMgr==null ) {
System.err.println("can't find rule "+ruleName+
" or tree structure error: "+t.toStringTree()
);
e.printStackTrace(System.err);
}
else errMgr.toolError(ErrorType.INTERNAL_ERROR, e);
}
}

public void discoverGrammar(GrammarRootAST root, GrammarAST ID) { }
public void finishPrequels(GrammarAST firstPrequel) { }
public void finishGrammar(GrammarRootAST root, GrammarAST ID) { }

public void grammarOption(GrammarAST ID, GrammarAST valueAST) { }
public void ruleOption(GrammarAST ID, GrammarAST valueAST) { }
public void blockOption(GrammarAST ID, GrammarAST valueAST) { }
public void defineToken(GrammarAST ID) { }
public void defineChannel(GrammarAST ID) { }
public void globalNamedAction(GrammarAST scope, GrammarAST ID, ActionAST action) { }
public void importGrammar(GrammarAST label, GrammarAST ID) { }

public void modeDef(GrammarAST m, GrammarAST ID) { }
```

```java
public void discoverRules(GrammarAST rules) { }
public void finishRules(GrammarAST
 rule) { }
public void discoverRule(RuleAST rule, GrammarAST ID, List<GrammarAST> modifiers,
        ActionAST arg, ActionAST returns, GrammarAST thrws,
        GrammarAST options, ActionAST locals,
        List<GrammarAST> actions,
        GrammarAST block) { }
public void finishRule(RuleAST rule, GrammarAST ID, GrammarAST block) { }
public void discoverLexerRule(RuleAST rule, GrammarAST ID, List<GrammarAST> modifiers,
                    GrammarAST block) { }
public void finishLexerRule(RuleAST rule, GrammarAST ID, GrammarAST block) { }
public void ruleCatch(GrammarAST arg, ActionAST action) { }
public void finallyAction(ActionAST action) { }
public void discoverOuterAlt(AltAST alt) { }
public void finishOuterAlt(AltAST alt) { }
public void discoverAlt(AltAST alt) { }
public void finishAlt(AltAST alt) { }

public void ruleRef(GrammarAST ref, ActionAST arg) { }
public void tokenRef(TerminalAST ref) { }
public void elementOption(GrammarASTWithOptions t, GrammarAST ID, GrammarAST
 valueAST) { }
public void stringRef(TerminalAST ref) { }
public void wildcardRef(GrammarAST ref) { }
public void actionInAlt(ActionAST action) { }
public void sempredInAlt(PredAST pred) { }
public void label(GrammarAST op, GrammarAST ID, GrammarAST element) { }
public void lexerCallCommand(int outerAltNumber, GrammarAST ID, GrammarAST arg) { }
public void lexerCommand(int outerAltNumber, GrammarAST ID) { }

protected void enterGrammarSpec(GrammarAST tree) { }
protected void exitGrammarSpec(GrammarAST tree) { }

protected void enterPrequelConstructs(GrammarAST tree) { }
protected void exitPrequelConstructs(GrammarAST tree) { }

protected void enterPrequelConstruct(GrammarAST tree) { }
protected void exitPrequelConstruct(GrammarAST tree) { }

protected void enterOptionsSpec(GrammarAST tree) { }
protected void exitOptionsSpec(GrammarAST tree) { }

protected void enterOption(GrammarAST tree) { }
protected void exitOption(GrammarAST tree) { }

protected void enterOptionValue(GrammarAST
```

```java
 tree) { }
protected void exitOptionValue(GrammarAST tree) { }

protected void enterDelegateGrammars(GrammarAST tree) { }
protected void exitDelegateGrammars(GrammarAST tree) { }

protected void enterDelegateGrammar(GrammarAST tree) { }
protected void exitDelegateGrammar(GrammarAST tree) { }

protected void enterTokensSpec(GrammarAST tree) { }
protected void exitTokensSpec(GrammarAST tree) { }

protected void enterTokenSpec(GrammarAST tree) { }
protected void exitTokenSpec(GrammarAST tree) { }

protected void enterChannelsSpec(GrammarAST tree) { }
protected void exitChannelsSpec(GrammarAST tree) { }

protected void enterChannelSpec(GrammarAST tree) { }
protected void exitChannelSpec(GrammarAST tree) { }

protected void enterAction(GrammarAST tree) { }
protected void exitAction(GrammarAST tree) { }

protected void enterRules(GrammarAST tree) { }
protected void exitRules(GrammarAST tree) { }

protected void enterMode(GrammarAST tree) { }
protected void exitMode(GrammarAST tree) { }

protected
 void enterLexerRule(GrammarAST tree) { }
protected void exitLexerRule(GrammarAST tree) { }

protected void enterRule(GrammarAST tree) { }
protected void exitRule(GrammarAST tree) { }

protected void enterExceptionGroup(GrammarAST tree) { }
protected void exitExceptionGroup(GrammarAST tree) { }

protected void enterExceptionHandler(GrammarAST tree) { }
protected void exitExceptionHandler(GrammarAST tree) { }

protected void enterFinallyClause(GrammarAST tree) { }
protected void exitFinallyClause(GrammarAST tree) { }

protected void enterLocals(GrammarAST tree) { }
protected void exitLocals(GrammarAST tree) { }
```

```java
protected void enterRuleReturns(GrammarAST tree) { }
protected void exitRuleReturns(GrammarAST tree) { }

protected void enterThrowsSpec(GrammarAST tree) { }
protected void exitThrowsSpec(GrammarAST tree) { }

protected void enterRuleAction(GrammarAST tree) { }
protected void exitRuleAction(GrammarAST tree) { }

protected void enterRuleModifier(GrammarAST tree) { }
protected
 void exitRuleModifier(GrammarAST tree) { }

protected void enterLexerRuleBlock(GrammarAST tree) { }
protected void exitLexerRuleBlock(GrammarAST tree) { }

protected void enterRuleBlock(GrammarAST tree) { }
protected void exitRuleBlock(GrammarAST tree) { }

protected void enterLexerOuterAlternative(AltAST tree) { }
protected void exitLexerOuterAlternative(AltAST tree) { }

protected void enterOuterAlternative(AltAST tree) { }
protected void exitOuterAlternative(AltAST tree) { }

protected void enterLexerAlternative(GrammarAST tree) { }
protected void exitLexerAlternative(GrammarAST tree) { }

protected void enterLexerElements(GrammarAST tree) { }
protected void exitLexerElements(GrammarAST tree) { }

protected void enterLexerElement(GrammarAST tree) { }
protected void exitLexerElement(GrammarAST tree) { }

protected void enterLabeledLexerElement(GrammarAST tree) { }
protected void exitLabeledLexerElement(GrammarAST tree) { }

protected void enterLexerBlock(GrammarAST tree) { }
protected
 void exitLexerBlock(GrammarAST tree) { }

protected void enterLexerAtom(GrammarAST tree) { }
protected void exitLexerAtom(GrammarAST tree) { }

protected void enterActionElement(GrammarAST tree) { }
protected void exitActionElement(GrammarAST tree) { }
```

```java
protected void enterAlternative(AltAST tree) { }
protected void exitAlternative(AltAST tree) { }

protected void enterLexerCommand(GrammarAST tree) { }
protected void exitLexerCommand(GrammarAST tree) { }

protected void enterLexerCommandExpr(GrammarAST tree) { }
protected void exitLexerCommandExpr(GrammarAST tree) { }

protected void enterElement(GrammarAST tree) { }
protected void exitElement(GrammarAST tree) { }

protected void enterAstOperand(GrammarAST tree) { }
protected void exitAstOperand(GrammarAST tree) { }

protected void enterLabeledElement(GrammarAST tree) { }
protected void exitLabeledElement(GrammarAST tree) { }

protected void enterSubrule(GrammarAST tree) { }
protected void exitSubrule(GrammarAST tree) { }

protected
 void enterLexerSubrule(GrammarAST tree) { }
protected void exitLexerSubrule(GrammarAST tree) { }

protected void enterBlockSuffix(GrammarAST tree) { }
protected void exitBlockSuffix(GrammarAST tree) { }

protected void enterEbnfSuffix(GrammarAST tree) { }
protected void exitEbnfSuffix(GrammarAST tree) { }

protected void enterAtom(GrammarAST tree) { }
protected void exitAtom(GrammarAST tree) { }

protected void enterBlockSet(GrammarAST tree) { }
protected void exitBlockSet(GrammarAST tree) { }

protected void enterSetElement(GrammarAST tree) { }
protected void exitSetElement(GrammarAST tree) { }

protected void enterBlock(GrammarAST tree) { }
protected void exitBlock(GrammarAST tree) { }

protected void enterRuleref(GrammarAST tree) { }
protected void exitRuleref(GrammarAST tree) { }

protected void enterRange(GrammarAST tree) { }
protected void exitRange(GrammarAST tree) { }
```

```
protected void enterTerminal(GrammarAST tree) { }
protected void exitTerminal(GrammarAST tree) { }

protected
 void enterElementOptions(GrammarAST tree) { }
protected void exitElementOptions(GrammarAST tree) { }

protected void enterElementOption(GrammarAST tree) { }
protected void exitElementOption(GrammarAST tree) { }

 @Override
 public void traceIn(String ruleName, int ruleIndex)  {
  System.err.println("enter "+ruleName+": "+input.LT(1));
 }

 @Override
 public void traceOut(String ruleName, int ruleIndex)  {
  System.err.println("exit "+ruleName+": "+input.LT(1));
 }
}

grammarSpec
@init {
 enterGrammarSpec($start);
}
@after {
 exitGrammarSpec($start);
}
  :  ^( GRAMMAR ID {grammarName=$ID.text;}
    {discoverGrammar((GrammarRootAST)$GRAMMAR, $ID);}
     prequelConstructs
    {finishPrequels($prequelConstructs.firstOne);}
     rules mode*
    {finishGrammar((GrammarRootAST)$GRAMMAR, $ID);}
  )
;

prequelConstructs returns [GrammarAST firstOne=null]
@init {
 enterPrequelConstructs($start);
}
@after {
 exitPrequelConstructs($start);
}
 : {$firstOne=$start;} prequelConstruct+
 |
 ;
```

```
prequelConstruct
@init
{
enterPrequelConstructs($start);
}
@after {
exitPrequelConstructs($start);
}
 :  optionsSpec
  | delegateGrammars
  | tokensSpec
  | channelsSpec
  | action
  ;

optionsSpec
@init {
enterOptionsSpec($start);
}
@after {
exitOptionsSpec($start);
}
 : ^(OPTIONS option*)
  ;

option
@init {
enterOption($start);
boolean rule = inContext("RULE ...");
boolean block = inContext("BLOCK ...");
}
@after {
exitOption($start);
}
  :  ^(a=ASSIGN ID v=optionValue)
   {
   if ( block ) blockOption($ID, $v.start); // most specific first
   else if ( rule ) ruleOption($ID, $v.start);
   else grammarOption($ID, $v.start);
   }
  ;

optionValue returns [String v]
@init {
enterOptionValue($start);
$v = $start.token.getText();
}
```

```
@after {
exitOptionValue($start);
}
  :  ID
  |  STRING_LITERAL
  |  INT
  ;


delegateGrammars
@init {
enterDelegateGrammars($start);
}
@after {
exitDelegateGrammars($start);
}
 :  ^(IMPORT
delegateGrammar+)
 ;


delegateGrammar
@init {
enterDelegateGrammar($start);
}
@after {
exitDelegateGrammar($start);
}
  :  ^(ASSIGN label=ID id=ID) {importGrammar($label, $id);}
  |  id=ID      {importGrammar(null, $id);}
  ;


tokensSpec
@init {
enterTokensSpec($start);
}
@after {
exitTokensSpec($start);
}
 :  ^(TOKENS_SPEC tokenSpec+)
 ;


tokenSpec
@init {
enterTokenSpec($start);
}
@after {
exitTokenSpec($start);
}
 : ID    {defineToken($ID);}
```

```
;

channelsSpec
@init {
enterChannelsSpec($start);
}
@after {
exitChannelsSpec($start);
}
  :  ^(CHANNELS channelSpec+)
;

channelSpec
@init {
enterChannelSpec($start);
}
@after {
exitChannelSpec($start);
}
: ID     {defineChannel($ID);}
;

action
@init {
enterAction($start);
}
@after {
exitAction($start);
}
: ^(AT sc=ID? name=ID ACTION) {globalNamedAction($sc, $name, (ActionAST)$ACTION);}
;

rules
@init {
enterRules($start);
}
@after {
exitRules($start);
}
  : ^(RULES {discoverRules($RULES);} (rule|lexerRule)*
{finishRules($RULES);})
  ;

mode
@init {
enterMode($start);
}
@after {
```

```
exitMode($start);
}
: ^( MODE ID {currentModeName=$ID.text; modeDef($MODE, $ID);} lexerRule* )
;


lexerRule
@init {
enterLexerRule($start);
List<GrammarAST> mods = new ArrayList<GrammarAST>();
currentOuterAltNumber=0;
}
@after {
exitLexerRule($start);
}
: ^( RULE TOKEN_REF
  {currentRuleName=$TOKEN_REF.text; currentRuleAST=$RULE;}
  (^(RULEMODIFIERS m=FRAGMENT {mods.add($m);}))?
    {discoverLexerRule((RuleAST)$RULE, $TOKEN_REF, mods, (GrammarAST)input.LT(1));}
    lexerRuleBlock
    {
    finishLexerRule((RuleAST)$RULE, $TOKEN_REF, $lexerRuleBlock.start);
    currentRuleName=null; currentRuleAST=null;
    }
    )
;


rule
@init {
enterRule($start);
List<GrammarAST> mods = new ArrayList<GrammarAST>();
List<GrammarAST> actions = new ArrayList<GrammarAST>(); // track roots
currentOuterAltNumber=0;
}
@after {
exitRule($start);
}
:  ^( RULE RULE_REF {currentRuleName=$RULE_REF.text;
currentRuleAST=$RULE;}
  (^(RULEMODIFIERS (m=ruleModifier{mods.add($m.start);})+))?
  ARG_ACTION?
    ret=ruleReturns?
    thr=throwsSpec?
    loc=locals?
    ( opts=optionsSpec
    |  a=ruleAction {actions.add($a.start);}
    )*
    {discoverRule((RuleAST)$RULE, $RULE_REF, mods, (ActionAST)$ARG_ACTION,
        $ret.start!=null?(ActionAST)$ret.start.getChild(0):null,
```

```
        $thr.start, $opts.start,
        $loc.start!=null?(ActionAST)$loc.start.getChild(0):null,
        actions, (GrammarAST)input.LT(1));}
    ruleBlock exceptionGroup
    {finishRule((RuleAST)$RULE, $RULE_REF, $ruleBlock.start); currentRuleName=null; currentRuleAST=null;}
    )
  ;

exceptionGroup
@init {
 enterExceptionGroup($start);
}
@after {
 exitExceptionGroup($start);
}
  : exceptionHandler* finallyClause?
  ;

exceptionHandler
@init {
 enterExceptionHandler($start);
}
@after {
 exitExceptionHandler($start);
}
 : ^(CATCH ARG_ACTION ACTION) {ruleCatch($ARG_ACTION,
 (ActionAST)$ACTION);}
 ;

finallyClause
@init {
 enterFinallyClause($start);
}
@after {
 exitFinallyClause($start);
}
 : ^(FINALLY ACTION)    {finallyAction((ActionAST)$ACTION);}
 ;

locals
@init {
 enterLocals($start);
}
@after {
 exitLocals($start);
}
 : ^(LOCALS ARG_ACTION)
 ;
```

```
ruleReturns
@init {
enterRuleReturns($start);
}
@after {
exitRuleReturns($start);
}
: ^(RETURNS ARG_ACTION)
;

throwsSpec
@init {
enterThrowsSpec($start);
}
@after {
exitThrowsSpec($start);
}
  : ^(THROWS ID+)
  ;

ruleAction
@init {
enterRuleAction($start);
}
@after {
exitRuleAction($start);
}
: ^(AT ID ACTION)
;

ruleModifier
@init {
enterRuleModifier($start);
}
@after {
exitRuleModifier($start);
}
  : PUBLIC
  | PRIVATE
  | PROTECTED
  | FRAGMENT
  ;

lexerRuleBlock
@init {
enterLexerRuleBlock($start);
}
```

```
@after {
exitLexerRuleBlock($start);
}
  : ^( BLOCK
   ( {
    currentOuterAltRoot = (GrammarAST)input.LT(1);
   currentOuterAltNumber++;
   }
     lexerOuterAlternative
   )+
   )
  ;

ruleBlock
@init {
enterRuleBlock($start);
}
@after {
exitRuleBlock($start);
}
  : ^( BLOCK
   ( {
    currentOuterAltRoot = (GrammarAST)input.LT(1);
   currentOuterAltNumber++;
   }
    outerAlternative
   )+
   )
  ;

lexerOuterAlternative
@init {
enterLexerOuterAlternative((AltAST)$start);
discoverOuterAlt((AltAST)$start);
}
@after {
finishOuterAlt((AltAST)$start);
exitLexerOuterAlternative((AltAST)$start);
}
 : lexerAlternative
 ;


outerAlternative
@init {
enterOuterAlternative((AltAST)$start);
discoverOuterAlt((AltAST)$start);
}
```

```
@after {
finishOuterAlt((AltAST)$start);
exitOuterAlternative((AltAST)$start);
}
 : alternative
 ;

lexerAlternative
@init {
enterLexerAlternative($start);
}
@after {
exitLexerAlternative($start);
}
 : ^(LEXER_ALT_ACTION lexerElements lexerCommand+)
  | lexerElements
  ;

lexerElements
@init {
enterLexerElements($start);
}
@after {
exitLexerElements($start);
}
   : ^(ALT lexerElement+)
   ;

lexerElement
@init {
enterLexerElement($start);
}
@after {
exitLexerElement($start);
}
 : labeledLexerElement
 | lexerAtom
 | lexerSubrule
 |  ACTION     {actionInAlt((ActionAST)$ACTION);}
 |  SEMPRED     {sempredInAlt((PredAST)$SEMPRED);}
 |  ^(ACTION elementOptions) {actionInAlt((ActionAST)$ACTION);}
 |  ^(SEMPRED elementOptions) {sempredInAlt((PredAST)$SEMPRED);}
 | EPSILON
 ;

labeledLexerElement
@init {
enterLabeledLexerElement($start);
```

```
}
@after {
 exitLabeledLexerElement($start);
}
   :  ^((ASSIGN|PLUS_ASSIGN) ID (lexerAtom|block))
;


lexerBlock
@init {
 enterLexerBlock($start);
}
@after {
 exitLexerBlock($start);
}
 : ^(BLOCK optionsSpec? lexerAlternative+)
  ;


lexerAtom
@init {
 enterLexerAtom($start);
}
@after {
 exitLexerAtom($start);
}
   :  terminal
   |  ^(NOT blockSet)
   |  blockSet
   |  ^(WILDCARD elementOptions)
   |  WILDCARD
   | LEXER_CHAR_SET
   |  range
   |  ruleref
   ;


actionElement
@init {
 enterActionElement($start);
}
@after
 {
 exitActionElement($start);
}
 : ACTION
 |  ^(ACTION elementOptions)
 |  SEMPRED
 |  ^(SEMPRED elementOptions)
;
```

```
alternative
@init {
enterAlternative((AltAST)$start);
discoverAlt((AltAST)$start);
}
@after {
finishAlt((AltAST)$start);
exitAlternative((AltAST)$start);
}
 : ^(ALT elementOptions? element+)
 | ^(ALT elementOptions? EPSILON)
   ;

lexerCommand
@init {
enterLexerCommand($start);
}
@after {
exitLexerCommand($start);
}
 : ^(LEXER_ACTION_CALL ID lexerCommandExpr)
     {lexerCallCommand(currentOuterAltNumber, $ID, $lexerCommandExpr.start);}
 | ID
     {lexerCommand(currentOuterAltNumber, $ID);}
 ;

lexerCommandExpr
@init {
enterLexerCommandExpr($start);
}
@after {
exitLexerCommandExpr($start);
}
 : ID
 | INT
 ;

element
@init {
enterElement($start);
}
@after {
exitElement($start);
}
 : labeledElement
 | atom
 | subrule
 | ACTION      {actionInAlt((ActionAST)$ACTION);}
```

```
|   SEMPRED       {sempredInAlt((PredAST)$SEMPRED);}
|
    ^(ACTION elementOptions) {actionInAlt((ActionAST)$ACTION);}
|   ^(SEMPRED elementOptions) {sempredInAlt((PredAST)$SEMPRED);}
| range
| ^(NOT blockSet)
| ^(NOT block)
;

astOperand
@init {
enterAstOperand($start);
}
@after {
exitAstOperand($start);
}
: atom
| ^(NOT blockSet)
| ^(NOT block)
;

labeledElement
@init {
enterLabeledElement($start);
}
@after {
exitLabeledElement($start);
}
: ^((ASSIGN|PLUS_ASSIGN) ID element) {label($start, $ID, $element.start);}
;

subrule
@init {
enterSubrule($start);
}
@after {
exitSubrule($start);
}
: ^(blockSuffix block)
|  block
  ;

lexerSubrule
@init {
enterLexerSubrule($start);
}
@after {
exitLexerSubrule($start);
```

```
    }
    : ^(blockSuffix lexerBlock)
    | lexerBlock
      ;

blockSuffix
@init {
enterBlockSuffix($start);
}
@after {
exitBlockSuffix($start);
}
    : ebnfSuffix
      ;

ebnfSuffix
@init {
enterEbnfSuffix($start);
}
@after {
exitEbnfSuffix($start);
}
    : OPTIONAL
    | CLOSURE
      | POSITIVE_CLOSURE
;

atom
@init {
enterAtom($start);
}
@after
 {
exitAtom($start);
}
    : ^(DOT ID terminal)
    | ^(DOT ID ruleref)
      | ^(WILDCARD elementOptions) {wildcardRef($WILDCARD);}
      | WILDCARD    {wildcardRef($WILDCARD);}
      |   terminal
      | blockSet
      |   ruleref
      ;

blockSet
@init {
enterBlockSet($start);
}
```

```
@after {
exitBlockSet($start);
}
 : ^(SET setElement+)
 ;

setElement
@init {
enterSetElement($start);
}
@after {
exitSetElement($start);
}
 : ^(STRING_LITERAL elementOptions)    {stringRef((TerminalAST)$STRING_LITERAL);}
 | ^(TOKEN_REF elementOptions)   {tokenRef((TerminalAST)$TOKEN_REF);}
 | STRING_LITERAL            {stringRef((TerminalAST)$STRING_LITERAL);}
 | TOKEN_REF             {tokenRef((TerminalAST)$TOKEN_REF);}
 | ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
 {
 stringRef((TerminalAST)$a);
 stringRef((TerminalAST)$b);
 }
     |     LEXER_CHAR_SET
 ;

block
@init {
enterBlock($start);
}
@after {
exitBlock($start);
}
  : ^(BLOCK optionsSpec? ruleAction* ACTION?
alternative+)
  ;

ruleref
@init {
enterRuleref($start);
}
@after {
exitRuleref($start);
}
  : ^(RULE_REF arg=ARG_ACTION? elementOptions?)
   {
   ruleRef($RULE_REF, (ActionAST)$ARG_ACTION);
   if ( $arg!=null ) actionInAlt((ActionAST)$arg);
   }
```

```
          ;

range
@init {
 enterRange($start);
}
@after {
 exitRange($start);
}
  : ^(RANGE STRING_LITERAL STRING_LITERAL)
  ;

terminal
@init {
 enterTerminal($start);
}
@after {
 exitTerminal($start);
}
  :  ^(STRING_LITERAL elementOptions)
        {stringRef((TerminalAST)$STRING_LITERAL);}
  | STRING_LITERAL    {stringRef((TerminalAST)$STRING_LITERAL);}
  | ^(TOKEN_REF elementOptions) {tokenRef((TerminalAST)$TOKEN_REF);}
  | TOKEN_REF       {tokenRef((TerminalAST)$TOKEN_REF);}
  ;

elementOptions
@init {
 enterElementOptions($start);
}
@after {
 exitElementOptions($start);
}
  : ^(ELEMENT_OPTIONS elementOption[(GrammarASTWithOptions)$start.getParent()]*)
  ;

elementOption[GrammarASTWithOptions t]
@init {
 enterElementOption($start);
}
@after
 {
 exitElementOption($start);
}
  : ID      {elementOption(t, $ID, null);}
  | ^(ASSIGN id=ID v=ID)   {elementOption(t, $id, $v);}
  | ^(ASSIGN ID v=STRING_LITERAL) {elementOption(t, $ID, $v);}
  | ^(ASSIGN ID v=ACTION)   {elementOption(t, $ID, $v);}
```

```
|  ^(ASSIGN ID v=INT)    {elementOption(t, $ID, $v);}
;
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/parse/GrammarTreeVisitor.g
No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 *  Copyright (c) 2012-2016 Terence Parr
 *  Copyright (c) 2012-2016 Sam Harwell
 *  Copyright (c) 2014 Eric Vergnaud
 *  All rights reserved.
 *
 *  Redistribution and use in source and binary forms, with or without
 *  modification, are permitted provided that the following conditions
 *  are met:
 *
 *  1. Redistributions of source code must retain the above copyright
 *     notice, this list of conditions and the following disclaimer.
 *  2. Redistributions in binary form must reproduce the above copyright
 *     notice, this list of conditions and the following disclaimer in the
 *     documentation and/or other materials provided with the distribution.
 *  3. The name of the author may not be used to endorse or promote products
 *     derived from this software without specific prior written permission.
 *
 *  THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 *  IMPLIED
 WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
 *  OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 *  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 *  INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 *  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

/** ANTLR tool checks output templates are compatible with tool code generation.
 * For now, a simple string match used on x.y of x.y.z scheme.
 * Must match Tool.VERSION during load to templates.
 *
 * REQUIRED.
 */

pythonTypeInitMap ::= [
```

```
    "bool":"False",
    "int":"0",
    "float":"0.0",
    "str":"",
    default:"None" // anything other
    than a primitive type is an object
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
# encoding: utf-8
from antlr4 import *
from io import StringIO
import sys
if sys.version_info[1] > 5:
 from typing import TextIO
else:
 from typing.io import TextIO

<namedActions.header>
<parser>

>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
if __name__ is not None and "." in __name__:
    from .<file.parserName> import <file.parserName>
else:
    from <file.parserName> import <file.parserName>
<header>

# This class defines a complete listener for a parse tree produced by <file.parserName>.
class <file.grammarName>Listener(ParseTreeListener):

    <file.listenerNames:{lname |
# Enter a parse tree produced by <file.parserName>#<lname>.
def enter<lname; format="cap">(self, ctx:<file.parserName>.<lname;
 format="cap">Context):
    pass

# Exit a parse tree produced by <file.parserName>#<lname>.
def exit<lname; format="cap">(self, ctx:<file.parserName>.<lname; format="cap">Context):
    pass
```

```
}; separator="\n">

del <file.parserName>
>>


VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
if __name__ is not None and "." in __name__:
    from .<file.parserName> import <file.parserName>
else:
    from <file.parserName> import <file.parserName>
<header>

# This class defines a complete generic visitor for a parse tree produced by <file.parserName>.

class <file.grammarName>Visitor(ParseTreeVisitor):

    <file.visitorNames:{lname |
# Visit a parse tree produced by <file.parserName>#<lname>.
def visit<lname; format="cap">(self, ctx:<file.parserName>.<lname; format="cap">Context):
    return self.visitChildren(ctx)

}; separator="\n">

del <file.parserName>
>>


fileHeader(grammarFileName, ANTLRVersion)
 ::= <<
# Generated from <grammarFileName> by ANTLR <ANTLRVersion>
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<if(superClass)>
if __name__ is not None and "." in __name__:
    from .<superClass> import <superClass>
else:
    from <superClass> import <superClass>

<endif>
<atn>
```

```
class <parser.name> ( <if(superClass)><superClass><else>Parser<endif> ):

  grammarFileName = "<parser.grammarFileName>"

  atn = ATNDeserializer().deserialize(serializedATN())

  decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]

  sharedContextCache = PredictionContextCache()

  literalNames = [ <parser.literalNames:{t | <t>}; null="\"\<INVALID>\"", separator=", ", wrap, anchor> ]

  symbolicNames = [ <parser.symbolicNames:{t | <t>}; null="\"\<INVALID>\"", separator=", ", wrap, anchor> ]

  <if(parser.rules)>
  <parser.rules:{r | RULE_<r.name>
= <r.index>}; separator="\n", wrap, anchor>
  <endif>

  ruleNames =  [ <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor> ]

  EOF = <TokenLabelType()>.EOF
  <if(parser.tokens)>
  <parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator="\n", wrap, anchor>
  <endif>

  <parser:(ctor)()>

  <namedActions.members>

  <funcs; separator="\n">


<if(sempredFuncs)>
  def sempred(self, localctx:RuleContext, ruleIndex:int, predIndex:int):
    if self._predicates == None:
       self._predicates = dict()
<parser.sempredFuncs.values:{f |
    self._predicates[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n        ">
    pred = self._predicates.get(ruleIndex, None)
    if pred is None:
      raise Exception("No predicate with index:" + str(ruleIndex))
    else:
      return pred(localctx, predIndex)

  <sempredFuncs.values; separator="\n">
<endif>
```

```
>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
def
 action(self, localctx:RuleContext, ruleIndex:int, actionIndex:int):
   if self._actions is None:
      actions = dict()
<recog.actionFuncs.values:{f|
      actions[<f.ruleIndex>] = self.<f.name>_action }; separator="\n">
      self._actions = actions
   action = self._actions.get(ruleIndex, None)
   if action is not None:
      action(localctx, actionIndex)
   else:
      raise Exception("No registered action for:" + str(ruleIndex))

<actionFuncs.values; separator="\n">

<endif>
<if(sempredFuncs)>
def sempred(self, localctx:RuleContext, ruleIndex:int, predIndex:int):
   if self._predicates is None:
      preds = dict()
<recog.sempredFuncs.values:{f|
      preds[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n">
      self._predicates = preds
   pred = self._predicates.get(ruleIndex, None)
   if pred is not None:
      return pred(localctx, predIndex)
   else:
      raise Exception("No registered predicate for:" + str(ruleIndex))

<sempredFuncs.values;
 separator="\n">
<endif>
>>

parser_ctor(p) ::= <<
def __init__(self, input:TokenStream, output:TextIO = sys.stdout):
   super().__init__(input, output)
   self.checkVersion("<file.ANTLRVersion>")
   self._interp = ParserATNSimulator(self, self.atn, self.decisionsToDFA, self.sharedContextCache)
   self._predicates = None
```

```
>>

/* This generates a private method since the actionIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleActionFunction(r, actions) ::= <<

def <r.name>_action(self, localctx:<r.ctxType> , actionIndex:int):
<actions:{index|
<if(first(actions))>
  if actionIndex == <index>:
      <actions.(index)>
<elseif(rest(actions))>
  elif actionIndex == <index>:
      <actions.(index)>
<endif> }; separator="\n">
>>

/* This generates a private method since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
def <r.name>_sempred(self,
 localctx:<r.ctxType>, predIndex:int):
  <actions:{index|
<if(first(actions))>
  if predIndex == <index>:
      return <actions.(index)>
<elseif(rest(actions))>
  elif predIndex == <index>:
      return <actions.(index)>
<endif> }; separator="\n">

>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<ruleCtx>

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

def <currentRule.name>(self<currentRule.args:{a | , <a.name><if(a.type)>:<a.type><endif>}>):

  localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, self.state<currentRule.args:{a | , <a.name>}>)
  self.enterRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>)
  <namedActions.init>
  <locals; separator="\n">
```

```
try:
    <code>
    <postamble; separator="\n">
    <namedActions.after>
<if(exceptions)>
<exceptions; separator="\n">
<else>
except RecognitionException as re:

localctx.exception = re
    self._errHandler.reportError(self, re)
    self._errHandler.recover(self, re)
<endif>
finally:
    <finallyAction>
    self.exitRule()
return localctx

>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

def <currentRule.name>(self, _p:int=0<if(currentRule.args)>, <args:{a | , <a>}><endif>):
    _parentctx = self._ctx
    _parentState = self.state
    localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, _parentState<args:{a | , <a.name>}>)
    _prevctx = localctx
    _startState = <currentRule.startState>
    self.enterRecursionRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>, _p)
    <namedActions.init>
    <locals; separator="\n">
    try:
        <code>
        <postamble; separator="\n">
        <namedActions.after>
    except RecognitionException as re:
        localctx.exception = re
        self._errHandler.reportError(self, re)
        self._errHandler.recover(self, re)
    finally:
        <finallyAction>
        self.unrollRecursionContexts(_parentctx)
    return localctx
```

```
>>

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>localctx = <parser.name>.<currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(self, localctx)<endif>
self.enterOuterAlt(localctx, <currentOuterMostAltCodeBlock.alt.altNum>)
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>

LL1AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
token = self._input.LA(1)
<choice.altLook,alts:{look,alt|
 <cases(ttypes=look)>
   <alt>
   pass}; separator="\nel">
else:
   <error>

>>

LL1OptionalBlock(choice, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
token = self._input.LA(1)
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
   <alt>
   pass}; separator="\nel">
else:
   pass
>>

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
if <expr>:
   <alts; separator="\n">
```

```
<!else if ( !(<followExpr>) ) <error>!>
>>


LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
while <loopExpr>:
  <alts; separator="\n">
  self.state = <choice.loopBackStateNumber>
  self._errHandler.sync(self)
  <iteration>

>>


LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state
 = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
<preamble; separator="\n">
while True:
  <alts; separator="\n">
  self.state = <choice.stateNumber> <! loopback/exit decision !>
  self._errHandler.sync(self)
  <iteration>
  if not (<loopExpr>):
    break

>>

// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i>:
  <alt>
  pass
}; separator="\nel">

>>
```

```
OptionalBlock(choice, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i><if(!choice.ast.greedy)>+1<endif>:
  <alt>
}; separator="\nel">

>>


StarBlock(choice, alts, sync, iteration) ::=
 <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
_alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
  if _alt==1<if(!choice.ast.greedy)>+1<endif>:
    <iteration>
    <alts> <! should only be one !>
  self.state = <choice.loopBackStateNumber>
  self._errHandler.sync(self)
  _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>


PlusBlock(choice, alts, error) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
_alt = 1<if(!choice.ast.greedy)>+1<endif>
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
  <alts:{alt|
if _alt == <i><if(!choice.ast.greedy)>+1<endif>:
  <alt>
}; separator="\nel">
  else:
    <error>
  self.state = <choice.loopBackStateNumber> <! loopback/exit decision !>
  self._errHandler.sync(self)
  _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

Sync(s)
 ::= "sync(<s.expecting.name>)"

ThrowNoViableAlt(t) ::= "raise NoViableAltException(self)"
```

```
TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" or ">
>>

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})>) and ((1 \<\< <offsetShiftVar(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (1 \<\< <offsetShiftType(ttype, bits.shift)>)}; separator=" | ">)) != 0)
%>

isZero ::= [
"0":true,
default:false
]

offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

offsetShiftType(shiftAmount,
 offset) ::= <%
<if(!isZero.(offset))>(<parser.name>.<shiftAmount> - <offset>)<else><parser.name>.<shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<parser.name>.<ttype>}; separator=" or ">
%>

cases(ttypes) ::= <<
if token in [<ttypes:{t | <parser.name>.<t>}; separator=", ">]:
>>

InvokeRule(r, argExprsChunks) ::= <<
self.state = <r.stateNumber>
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif>self.<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChu
nks>)
>>

MatchToken(m) ::= <<
self.state = <m.stateNumber>
```

```
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>self.match(<parser.name>.<m.name>)
>>

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::=
 <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{l | <labelref(l)> = }>self._input.LT(1)<endif>
<capture>
<if(invert)>if <m.varName> \<= 0 or <expr><else>if not(<expr>)<endif>:
<if(m.labels)><m.labels:{l |    <labelref(l)> = }><else>    <endif>self._errHandler.recoverInline(self)
else:
    self._errHandler.reportMatch(self)
    self.consume()
>>

Wildcard(w) ::= <<
self.state = <w.stateNumber>
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>self.matchWildcard()
>>

// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
self.state = <p.stateNumber>
if not <chunks>:
    from antlr4.error.Errors import FailedPredicateException
    raise FailedPredicateException(self, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
<p.msg><endif>)
>>

ExceptionClause(e, catchArg, catchAction) ::= <<
except <catchArg>:
    <catchAction>
>>

// lexer actions are not associated with model objects

LexerSkipCommand()
 ::= "skip()"
LexerMoreCommand()  ::= "more()"
```

LexerPopModeCommand() ::= "popMode()"

LexerTypeCommand(arg, grammar)   ::= "_type = <arg>"
LexerChannelCommand(arg, grammar) ::= "_channel = <arg>"
LexerModeCommand(arg, grammar)   ::= "_mode = <arg>"
LexerPushModeCommand(arg, grammar) ::= "pushMode(<arg>)"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a) ::= "localctx.<a.name>"
RetValueRef(a) ::= "localctx.<a.name>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(None if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t)
 ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.type)"
TokenPropertyRef_line(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t) ::= "(0 if <ctx(t)>.<t.label> is None else int(<ctx(t)>.<t.label>.text))"

RulePropertyRef_start(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r) ::= "(None if <ctx(r)>.<r.label> is None else
self._input.getText(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop))"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "self"

ThisRulePropertyRef_start(r)
 ::= "localctx.start"
ThisRulePropertyRef_stop(r) ::= "localctx.stop"
ThisRulePropertyRef_text(r) ::= "self._input.getText(localctx.start, self._input.LT(-1))"
ThisRulePropertyRef_ctx(r) ::= "localctx"
ThisRulePropertyRef_parser(r) ::= "self"

NonLocalAttrRef(s)   ::= "self.getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::= "self.getInvokingContext(<s.ruleIndex>).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"

TokenDecl(t) ::= "self.<t.name> = None # <TokenLabelType()>"
TokenTypeDecl(t) ::= "self.<t.name> = 0 # <TokenLabelType()> type"
TokenListDecl(t) ::= "self.<t.name> = list() # of <TokenLabelType()>s"
RuleContextDecl(r) ::= "self.<r.name> = None # <r.ctxName>"
RuleContextListDecl(rdecl) ::= "self.<rdecl.name> = list() # of <rdecl.ctxName>s"


```
ContextTokenGetterDecl(t)     ::= <<
def <t.name>(self):
  return self.getToken(<parser.name>.<t.name>, 0)
>>


// should never
 be called
ContextTokenListGetterDecl(t)  ::= <<
def <t.name>_list(self):
  return self.getTokens(<parser.name>.<t.name>)
>>


ContextTokenListIndexedGetterDecl(t)  ::= <<
def <t.name>(self, i:int=None):
  if i is None:
     return self.getTokens(<parser.name>.<t.name>)
  else:
     return self.getToken(<parser.name>.<t.name>, i)
>>


ContextRuleGetterDecl(r)      ::= <<
def <r.name>(self):
  return self.getTypedRuleContext(<parser.name>.<r.ctxName>,0)

>>


// should never be called
ContextRuleListGetterDecl(r)   ::= <<
def <r.name>_list(self):
  return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)

>>


ContextRuleListIndexedGetterDecl(r)   ::= <<
def <r.name>(self, i:int=None):
  if i is None:
     return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)
  else:
     return self.getTypedRuleContext(<parser.name>.<r.ctxName>,i)
```

>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName) ::= "_<ruleName>"
ImplicitSetLabel(id)   ::= "_tset<id>"
ListLabelName(label)   ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = self._input.LA(1)"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers) ::= <<
class <struct.name>(<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif>):
    __slots__ = 'parser'

  def __init__(self, parser, parent:ParserRuleContext=None, invokingState:int=-1<struct.ctorAttrs:{a | ,
<a.name><if(a.type)>:<a.type><endif>=None}>):
      super().__init__(parent, invokingState)
      self.parser = parser
      <attrs:{a | <a>}; separator="\n">
      <struct.ctorAttrs:{a | self.<a.name> = <a.name>}; separator="\n">

  <getters:{g | <g>}; separator="\n\n">

  def getRuleIndex(self):
      return <parser.name>.RULE_<struct.derivedFromName>

<if(struct.provideCopyFrom)>
 <! don't need copy unless we have subclasses !>
  def copyFrom(self, ctx:ParserRuleContext):
      super().copyFrom(ctx)
      <struct.attrs:{a | self.<a.name> = ctx.<a.name>}; separator="\n">

<endif>
  <dispatchMethods; separator="\n">
  <extensionMembers; separator="\n">

>>

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
class <struct.name>(<currentRule.name; format="cap">Context):

```
    def __init__(self, parser, ctx:ParserRuleContext): # actually a <parser.name>.<currentRule.name;
format="cap">Context
        super().__init__(parser)
        <attrs:{a | <a>}; separator="\n">
        self.copyFrom(ctx)


  <getters:{g | <g>}; separator="\n">


  <dispatchMethods; separator="\n">


>>


ListenerDispatchMethod(method) ::= <<
def <if(method.isEnter)>enter<else>exit<endif>Rule(self, listener:ParseTreeListener):
  if hasattr( listener, "<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName;
 format="cap">" ):
      listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(self)


>>


VisitorDispatchMethod(method) ::= <<
def accept(self, visitor:ParseTreeVisitor):
  if hasattr( visitor, "visit<struct.derivedFromName; format="cap">" ):
      return visitor.visit<struct.derivedFromName; format="cap">(self)
  else:
      return visitor.visitChildren(self)


>>


AttributeDecl(d) ::= "self.<d.name> = <if(d.initValue)><d.initValue><else>None<endif>"


/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"


/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "localctx"


// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)  ::= "self.precpred(self._ctx, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>"
recRuleSetStopToken()                ::= "self._ctx.stop = self._input.LT(-1)"


recRuleAltStartAction(ruleName,
 ctxName, label) ::= <<
localctx = <parser.name>.<ctxName>Context(self, _parentctx, _parentState)
<if(label)>localctx.<label> = _prevctx<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>
```

```
recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
localctx = <parser.name>.<currentAltLabel; format="cap">Context(self, <parser.name>.<ruleName;
format="cap">Context(self, _parentctx, _parentState))
<if(label)>
<if(isListLabel)>
localctx.<label>.append(_prevctx)
<else>
localctx.<label> = _prevctx
<endif>
<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>


recRuleReplaceContext(ctxName) ::= <<
localctx = <parser.name>.<ctxName>Context(self, localctx)
self._ctx = localctx
_prevctx = localctx
>>


recRuleSetPrevCtx() ::= <<
if self._parseListeners is not None:
    self.triggerExitRuleEvent()
_prevctx = localctx
>>



LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName,
 lexerFile.ANTLRVersion)>
from antlr4 import *
from io import StringIO
import sys
if sys.version_info[1] > 5:
    from typing import TextIO
else:
    from typing.io import TextIO

<namedActions.header>

<lexer>
>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
<if(superClass)>
if __name__ is not None and "." in __name__:
    from .<superClass> import <superClass>
else:
```

```
    from <superClass> import <superClass>

<endif>
<atn>

class <lexer.name>(<if(superClass)><superClass><else>Lexer<endif>):

  atn = ATNDeserializer().deserialize(serializedATN())

  decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]

<if(lexer.channels)>
  <lexer.channels:{c| <c> = <lexer.channels.(c)>}; separator="\n">

<endif>
<if(rest(lexer.modes))>
  <rest(lexer.modes):{m| <m> = <i>}; separator="\n">

<endif>
  <if(lexer.tokens)>
  <lexer.tokens:{k | <k> = <lexer.tokens.(k)>}; separator="\n", wrap, anchor>
  <endif>

  channelNames
 = [ u"DEFAULT_TOKEN_CHANNEL", u"HIDDEN"<if (lexer.channels)>, <lexer.channels:{c| u"<c>"};
separator=", ", wrap, anchor><endif> ]

  modeNames = [ <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor> ]

  literalNames = [ "\<INVALID>",
       <lexer.literalNames:{t | <t>}; separator=", ", wrap, anchor> ]

  symbolicNames = [ "\<INVALID>",
       <lexer.symbolicNames:{t | <t>}; separator=", ", wrap, anchor> ]

  ruleNames = [ <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor> ]

  grammarFileName = "<lexer.grammarFileName>"

  def __init__(self, input=None, output:TextIO = sys.stdout):
    super().__init__(input, output)
    self.checkVersion("<lexerFile.ANTLRVersion>")
    self._interp = LexerATNSimulator(self, self.atn, self.decisionsToDFA, PredictionContextCache())
    self._actions = None
    self._predicates = None

  <namedActions.members>
```

```
    <dumpActions(lexer, "", actionFuncs, sempredFuncs)>

>>

SerializedATN(model)
 ::= <<
<! only one segment, can be inlined !>

def serializedATN():
    with StringIO() as buf:
        buf.write("<model.serialized; wrap={")<\n>        buf.write("}>")
        return buf.getvalue()

>>

/** Using a type to init value map, try to init a type; if not in table
 *  must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<pythonTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".py"
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/codegen/Python3/Python3.stg
No license file was found, but licenses were detected in source scan.

retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
derived from this software without specific prior written permission.

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ANTLRParser.g
No license file was found, but licenses were detected in source scan.

/*
[The "BSD licence"]
Copyright (c) 2006 Kay Roepke
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
   derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
/*
This file contains the actual layout of the messages emitted by ANTLR.
This file contains the default format ANTLR uses.
*/

location(file, line, column) ::= "<file>:<line>:<column>:"

message(id, text) ::= "(<id>) <text>"

report(location, message, type) ::= "<type>(<message.id>): <location> <message.text>"

wantsSingleLineMessage() ::= "false"

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/messages/formats/antlr.stg
No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 * Copyright (c) 2012-2016 Terence Parr
 * Copyright (c) 2012-2016 Sam Harwell
 * All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 *
 * 1. Redistributions of source code must retain the above copyright
 *    notice, this list of conditions and the following disclaimer.
 * 2. Redistributions in binary form must reproduce the above copyright
 *    notice, this list of conditions and the following disclaimer in the
 *    documentation and/or other materials provided with the distribution.
 * 3. The name of the author may not be used to endorse or promote products
 *    derived from this software without specific prior written permission.
 *
 * THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 * IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
 * OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 * IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 * NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 * DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 * THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 * (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 * THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

/** How to generate rules derived from left-recursive rules.
 * These rely on recRuleAltPredicate(),
 * recRuleArg(), recRuleSetResultAction(), recRuleSetReturnAction()
 * templates in main language.stg
 */
group LeftRecursiveRules;

recRule(ruleName, argName, primaryAlts, opAlts, setResultAction,
```

```
    userRetvals, leftRecursiveRuleRefLabels) ::=
<<
<ruleName><if(userRetvals)>
 returns [<userRetvals>]<endif>
  :  ( {} <primaryAlts:{alt | <alt.altText> }; separator="\n      | ">
    )
    (
      <opAlts; separator="\n      | ">
    )*
  ;
>>


recRuleAlt(alt, precOption, opPrec, pred) ::= <<
{<pred>}?\<<precOption>=<opPrec>\> <alt.altText>
>>
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/LeftRecursiveRules.stg
No license file was found, but licenses were detected in source scan.

```
 *  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

dartTypeInitMap ::= [
 "int":"0",
 "double":"0.0",
 "bool":"false",
 default:"null" // anything other than a primitive type is an object
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName,
 file.ANTLRVersion)>
<if(file.genPackage)>
library <file.genPackage>;

import 'package:antlr4/antlr4.dart';
import 'dart:io';

<if(file.genListener)>
part '<file.grammarName>Listener.dart';
part '<file.grammarName>BaseListener.dart';
<endif>
<if(file.genVisitor)>
part '<file.grammarName>Visitor.dart';
part '<file.grammarName>BaseVisitor.dart';
<endif>
part '<file.grammarName>Lexer.dart';
<else>
import 'package:antlr4/antlr4.dart';
import 'dart:io';

<if(file.genListener)>
import '<file.grammarName>Listener.dart';
import '<file.grammarName>BaseListener.dart';
<endif>
<if(file.genVisitor)>
import '<file.grammarName>Visitor.dart';
import '<file.grammarName>BaseVisitor.dart';
<endif>
<endif>
```

```
<namedActions.header>
<parser>
>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
part of <file.genPackage>;
<else>
import 'package:antlr4/antlr4.dart';

import '<file.parserName>.dart';
<endif>
<header>

///
 This abstract class defines a complete listener for a parse tree produced by
/// [<file.parserName>].
abstract class <file.grammarName>Listener extends ParseTreeListener {
<file.listenerNames:{lname |
<if(file.listenerLabelRuleNames.(lname))>
 /// Enter a parse tree produced by the [<lname>]
 /// labeled alternative in [file.parserName>.<file.listenerLabelRuleNames.(lname)>].
<else>
 /// Enter a parse tree produced by [<file.parserName>.<lname>].
<endif>
 /// [ctx] the parse tree
 void enter<lname; format="cap">(<lname; format="cap">Context ctx);
<if(file.listenerLabelRuleNames.(lname))>
 /// Exit a parse tree produced by the [<lname>]
 /// labeled alternative in [<file.parserName>.<file.listenerLabelRuleNames.(lname)>].
<else>
 /// Exit a parse tree produced by [<file.parserName>.<lname>].
<endif>
 /// [ctx] the parse tree
 void exit<lname; format="cap">(<lname; format="cap">Context ctx);}; separator="\n">
}
>>

BaseListenerFile(file, header, namedActions)
 ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
part of <file.genPackage>;
<else>
import 'package:antlr4/antlr4.dart';

import '<file.parserName>.dart';
```

```
import '<file.grammarName>Listener.dart';
<endif>

<header>

/// This class provides an empty implementation of [<file.grammarName>Listener],
/// which can be extended to create a listener which only needs to handle
/// a subset of the available methods.
class <file.grammarName>BaseListener implements <file.grammarName>Listener {
<file.listenerNames:{lname |

 /// The default implementation does nothing.
 @override
 void enter<lname; format="cap">(<lname; format="cap">Context ctx) {\}

 /// The default implementation does nothing.
 @override
 void exit<lname; format="cap">(<lname; format="cap">Context ctx) {\}}; separator="\n">

 /// The default implementation does nothing.
 @override
 void enterEveryRule(ParserRuleContext ctx) {}

 /// The default implementation does nothing.
 @override
  void exitEveryRule(ParserRuleContext ctx) {}

 /// The default implementation does nothing.
 @override
 void visitTerminal(TerminalNode node) {}

 /// The default implementation does nothing.
 @override
 void visitErrorNode(ErrorNode node) {}
}

>>

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
part of <file.genPackage>;
<else>
import 'package:antlr4/antlr4.dart';

import '<file.parserName>.dart';
<endif>
<header>
```

```
/// This abstract class defines a complete generic visitor for a parse tree
/// produced by [<file.parserName>].
///
/// [T] is the eturn type of the visit operation. Use `void` for
/// operations with no return type.
abstract class <file.grammarName>Visitor\<T> extends ParseTreeVisitor\<T> {
 <file.visitorNames:{lname |
<if(file.visitorLabelRuleNames.(lname))>
/// Visit a parse tree produced by the {@code <lname>\}
/// labeled alternative in {@link <file.parserName>#<file.visitorLabelRuleNames.(lname)>\}.
<else>
///
 Visit a parse tree produced by [<file.parserName>.<lname>].
<endif>
/// [ctx] the parse tree.
/// Return the visitor result.
T visit<lname; format="cap">(<lname; format="cap">Context ctx);}; separator="\n">
}
>>

BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
part of <file.genPackage>;
<else>
import 'package:antlr4/antlr4.dart';

import '<file.parserName>.dart';
import '<file.grammarName>Visitor.dart';
<endif>
<header>

/// This class provides an empty implementation of [<file.grammarName>Visitor],
/// which can be extended to create a visitor which only needs to handle
/// a subset of the available methods.
///
/// [T] is the return type of the visit operation. Use `void` for
/// operations with no return type.
class <file.grammarName>BaseVisitor\<T> extends ParseTreeVisitor\<T> implements
<file.grammarName>Visitor\<T> {
 <file.visitorNames:{lname |
/// The default implementation
 returns the result of calling
/// [visitChildren] on [ctx].
 @override
T visit<lname; format="cap">(<lname; format="cap">Context ctx) => visitChildren(ctx);}; separator="\n">
}
```

```
>>

fileHeader(grammarFileName, ANTLRVersion) ::= <<
// Generated from <grammarFileName> by ANTLR <ANTLRVersion>
// ignore_for_file: unused_import, unused_local_variable, prefer_single_quotes
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<if(namedActions.definitions)><namedActions.definitions><endif>
<if(parser.rules)>
const int <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>;
<endif>
class <parser.name> extends <superClass; null="Parser"> {
 static final checkVersion = () => RuntimeMetaData.checkVersion('<file.ANTLRVersion>',
RuntimeMetaData.VERSION);
 static const int TOKEN_EOF = IntStream.EOF;

 static final List\<DFA> _decisionToDFA = List.generate(

   _ATN.numberOfDecisions, (i) => DFA(_ATN.getDecisionState(i), i));
 static final PredictionContextCache _sharedContextCache = PredictionContextCache();
<if(parser.tokens)>
 static const int <parser.tokens:{k | TOKEN_<k> = <parser.tokens.(k)>}; separator=", ", wrap, anchor>;
<endif>

 @override
 final List\<String> ruleNames = [
   <parser.ruleNames:{r | '<r>'}; separator=", ", wrap, anchor>
 ];

 <vocabulary(parser.literalNames, parser.symbolicNames)>

 @override
 String get grammarFileName => '<parser.grammarFileName>';

 @override
 String get serializedATN => _serializedATN;

 @override
 ATN getATN() {
 return _ATN;
 }

 <namedActions.members>
```

```
 <parser:(ctor)()>
 <funcs; separator="\n">

<if(sempredFuncs)>
 @override
 bool sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
   switch (ruleIndex) {
   <parser.sempredFuncs.values:{f|
case <f.ruleIndex>:
 return _<f.name>_sempred(_localctx, predIndex);}; separator="\n">
   }
   return true;
 }
  <sempredFuncs.values; separator="\n">
<endif>

 <atn>
}
<funcs:{func | <if(func.ruleCtx)><func.ruleCtx><endif>}; separator="\n\n">

<funcs:{func | <if(func.altLabelCtxs)><func.altLabelCtxs:{l | <func.altLabelCtxs.(l)>};
separator="\n\n"><endif>}>
>>

vocabulary(literalNames, symbolicNames) ::= <<
static final List\<String> _LITERAL_NAMES = [
  <literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
];
static final List\<String> _SYMBOLIC_NAMES = [
  <symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
];
static final Vocabulary VOCABULARY = VocabularyImpl(_LITERAL_NAMES, _SYMBOLIC_NAMES);

@override
Vocabulary get vocabulary {
 return VOCABULARY;
}
>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
void action(RuleContext _localctx, int ruleIndex, int actionIndex) {
 switch (ruleIndex) {
 <recog.actionFuncs.values:{f|
case <f.ruleIndex>:
 _<f.name>_action(_localctx, actionIndex);
 break;}; separator="\n">
 }
```

```
}
<actionFuncs.values;
 separator="\n">
<endif>
<if(sempredFuncs)>
bool sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
 switch (ruleIndex) {
 <recog.sempredFuncs.values:{f|
case <f.ruleIndex>:
 return _<f.name>_sempred(_localctx, predIndex);}; separator="\n">
 }
 return true;
 }
<sempredFuncs.values; separator="\n">
<endif>
>>


parser_ctor(p) ::= <<
<p.name>(TokenStream input) : super(input) {
 interpreter = ParserATNSimulator(this, _ATN, _decisionToDFA, _sharedContextCache);
 }
>>


/// This generates a private method since the actionIndex is generated, making an
/// overriding implementation impossible to maintain.
RuleActionFunction(r, actions) ::= <<
void _<r.name>_action(<r.ctxType> _localctx, int actionIndex) {
 switch (actionIndex) {
   <actions:{index|case <index>: <actions.(index)> break;}; separator="\n">
 }
 }
>>


/// This generates a private method since the predIndex is generated, making an
/// overriding implementation impossible to maintain.
RuleSempredFunction(r,
 actions) ::= <<
bool _<r.name>_sempred(<r.ctxType> _localctx, int predIndex) {
 switch (predIndex) {
   <actions:{index|case <index>: return <actions.(index)>;}; separator="\n">
 }
 return true;
 }
>>


RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<
```

```
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else><endif><currentRule.ctxType>
<currentRule.name>(<args; separator=", ">) {
 dynamic _localctx = <currentRule.ctxType>(context, state<currentRule.args:{a | , <a.name>}>);
 enterRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>);
 <namedActions.init>
 <locals; separator="\n">
 try {
<if(currentRule.hasLookaheadBlock)>
  int _alt;
<endif>
  <code>
  <postamble; separator="\n">
  <namedActions.after>
 } <if(exceptions)> <exceptions; separator="\n"><else>on RecognitionException catch (re) {
  _localctx.exception = re;
  errorHandler.reportError(this, re);
  errorHandler.recover(this,
 re);
 }<endif> finally {
  <finallyAction>
  exitRule();
 }
 return _localctx;
}
>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble) ::=
<<

<currentRule.ctxType> <currentRule.name>([int _p = 0]<args:{a | , <a>}>) {
 final _parentctx = context;
 final _parentState = state;
 dynamic _localctx = <currentRule.ctxType>(context, _parentState<currentRule.args:{a | , <a.name>}>);
 var _prevctx = _localctx;
 var _startState = <currentRule.startState>;
 enterRecursionRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>, _p);
 <namedActions.init>
 <locals; separator="\n">
 try {
<if(currentRule.hasLookaheadBlock)>
  int _alt;
<endif>
  <code>
  <postamble; separator="\n">
  <namedActions.after>
 } on RecognitionException catch (re) {
  _localctx.exception = re;
```

```
    errorHandler.reportError(this, re);
    errorHandler.recover(this, re);
 } finally {
  <finallyAction>
   unrollRecursionContexts(_parentctx);
 }
 return _localctx;
}
>>


CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
enterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>


CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>


LL1AltBlock(choice, preamble, alts, error) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = tokenStream.LT(1);<endif>
<preamble; separator="\n">
switch (tokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n">
default:
 <error>
}
>>


LL1OptionalBlock(choice, alts, error) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
switch
 (tokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n">
default:
 break;
}
```

```
>>

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
<preamble; separator="\n">
if (<expr>) {
 <alts; separator="\n">
}
<!else if ( !(<followExpr>) ) <error>!>
>>

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
<preamble; separator="\n">
while (<loopExpr>) {
 <alts; separator="\n">
 state = <choice.loopBackStateNumber>;
 errorHandler.sync(this);
 <iteration>
}
>>

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
state = <choice.blockStartStateNumber>; <! alt block decision !>
errorHandler.sync(this);
<preamble; separator="\n">
do {
 <alts; separator="\n">
 state = <choice.stateNumber>; <! loopback/exit decision !>
 errorHandler.sync(this);
  <iteration>
} while (<loopExpr>);
>>

// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = tokenStream.LT(1);<endif>
<preamble; separator="\n">
switch (interpreter.adaptivePredict(tokenStream, <choice.decision>, context)) {
<alts:{alt |
case <i>:
 <alt>
 break;}; separator="\n">
```

```
}
>>

OptionalBlock(choice, alts, error) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
switch (interpreter.adaptivePredict(tokenStream, <choice.decision>, context)) {
<alts:{alt |
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break;}; separator="\n">
}
>>

StarBlock(choice, alts, sync, iteration) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
_alt = interpreter.adaptivePredict(tokenStream, <choice.decision>, context);
while (_alt != <choice.exitAlt> && _alt != ATN.INVALID_ALT_NUMBER) {
 if (_alt == 1<if(!choice.ast.greedy)> + 1<endif>) {

  <iteration>
   <alts> <! should only be one !>
 }
 state = <choice.loopBackStateNumber>;
 errorHandler.sync(this);
 _alt = interpreter.adaptivePredict(tokenStream, <choice.decision>, context);
}
>>

PlusBlock(choice, alts, error) ::= <<
state = <choice.blockStartStateNumber>; <! alt block decision !>
errorHandler.sync(this);
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
 switch (_alt) {
 <alts:{alt|
case <i><if(!choice.ast.greedy)> + 1<endif>:
 <alt>
 break;}; separator="\n">
 default:
   <error>
 }
 state = <choice.loopBackStateNumber>; <! loopback/exit decision !>
 errorHandler.sync(this);
 _alt = interpreter.adaptivePredict(tokenStream, <choice.decision>, context);
} while (_alt != <choice.exitAlt> && _alt != ATN.INVALID_ALT_NUMBER);
>>
```

Sync(s) ::= "sync(<s.expecting.name>);"

ThrowNoViableAlt(t) ::= "throw NoViableAltException(this);"

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
 bits)><endif>}; separator=" || ">
>>

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((BigInt.one \<\< <offsetShift(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (BigInt.one \<\< <offsetShift({TOKEN_<ttype>}, bits.shift)>)}; separator=" |
">)) != BigInt.zero)
%>

isZero ::= [
"0":true,
default:false
]

offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName> == TOKEN_<ttype>}; separator=" || ">
%>

cases(ttypes) ::= <<
<ttypes:{t | case TOKEN_<t>:}; separator="\n">
>>

InvokeRule(r,
 argExprsChunks) ::=<<
state = <r.stateNumber>;
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif><r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>
);
>>

```
MatchToken(m) ::= <<
state = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>match(TOKEN_<m.name>);
>>


MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"


MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"


CommonSetStuff(m, expr, capture, invert) ::= <<
state = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }>tokenStream.LT(1);<endif>
<capture>
if (<if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr>)) {
 <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>errorHandler.recoverInline(this);
} else {
 if ( tokenStream.LA(1)==IntStream.EOF ) matchedEOF = true;
 errorHandler.reportMatch(this);
 consume();
}
>>


Wildcard(w) ::= <<
state = <w.stateNumber>;
<if(w.labels)><w.labels:{l
 | <labelref(l)> = }><endif>matchWildcard();
>>


// ACTION STUFF


Action(a, foo, chunks) ::= "<chunks>"


ArgAction(a, chunks) ::= "<chunks>"


SemPred(p, chunks, failChunks) ::= <<
state = <p.stateNumber>;
if (!(<chunks>)) {
 throw FailedPredicateException(this, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
<p.msg><endif>);
}
>>


ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>
```

```
// lexer actions are not associated with model objects


LexerSkipCommand()  ::= "skip();"
LexerMoreCommand()  ::= "more();"
LexerPopModeCommand() ::= "popMode();"


LexerTypeCommand(arg, grammar)      ::= "type = <arg>;"
LexerChannelCommand(arg, grammar)   ::= "channel = <arg>;"
LexerModeCommand(arg, grammar)      ::= "mode_ = <arg>;"
LexerPushModeCommand(arg, grammar)  ::= "pushMode(<arg>);"


ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "_localctx.<a.name>"
LocalRef(a) ::= "_localctx.<a.name>"
RetValueRef(a)
 ::= "_localctx.<a.name>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>;"


TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"


TokenPropertyRef_text(t) ::= "<ctx(t)>.<t.label>?.text"
TokenPropertyRef_type(t) ::= "<ctx(t)>.<t.label> != null ? <ctx(t)>.<t.label>.type : 0"
TokenPropertyRef_line(t) ::= "<ctx(t)>.<t.label> != null ? <ctx(t)>.<t.label>.line : 0"
TokenPropertyRef_pos(t) ::= "<ctx(t)>.<t.label> != null ? <ctx(t)>.<t.label>.charPositionInLine : 0"
TokenPropertyRef_channel(t) ::= "<ctx(t)>.<t.label> != null ? <ctx(t)>.<t.label>.channel : 0"
TokenPropertyRef_index(t) ::= "<ctx(t)>.<t.label> != null ? <ctx(t)>.<t.label>.tokenIndex : 0"
TokenPropertyRef_int(t) ::= "<ctx(t)>.<t.label> != null ?
 int.parse(<ctx(t)>.<t.label>.text) : 0"


RulePropertyRef_start(r) ::= "<ctx(r)>.<r.label>?.start"
RulePropertyRef_stop(r)  ::= "<ctx(r)>.<r.label>?.stop"
RulePropertyRef_text(r)  ::= "(<ctx(r)>.<r.label> != null ? tokenStream.getTextRange(<ctx(r)>.<r.label>.start,
<ctx(r)>.<r.label>.stop) : null)"
RulePropertyRef_ctx(r)   ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r)  ::= "this"


ThisRulePropertyRef_start(r) ::= "_localctx.start"
ThisRulePropertyRef_stop(r)  ::= "_localctx.stop"
ThisRulePropertyRef_text(r)  ::= "tokenStream.getTextRange(_localctx.start, tokenStream.LT(-1))"
ThisRulePropertyRef_ctx(r)   ::= "_localctx"
ThisRulePropertyRef_parser(r)  ::= "this"
```

NonLocalAttrRef(s) ::= "(getInvokingContext(<s.ruleIndex>) as <s.ruleName; format=\"cap\">Context).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::=
 "(getInvokingContext(<s.ruleIndex>) as <s.ruleName; format=\"cap\">Context).<s.name> = <rhsChunks>;"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.add(<labelref(a.label)>);"

TokenDecl(t)
 ::= "<TokenLabelType()> <t.name>"
TokenTypeDecl(t) ::= "int <t.name>;"
TokenListDecl(t) ::= "List\<Token> <t.name> = List\<Token>()"
RuleContextDecl(r) ::= "<r.ctxName> <r.name>"
RuleContextListDecl(rdecl) ::= "List\<<rdecl.ctxName>> <rdecl.name> = List\<<rdecl.ctxName>>()"

ContextTokenGetterDecl(t) ::= <<
TerminalNode <t.name>() => getToken(<parser.name>.TOKEN_<t.name>, 0);
>>
ContextTokenListGetterDecl(t) ::= <<
List\<TerminalNode> <t.name>s() => getTokens(<parser.name>.TOKEN_<t.name>);
>>
ContextTokenListIndexedGetterDecl(t) ::= <<
TerminalNode <t.name>(int i) => getToken(<parser.name>.TOKEN_<t.name>, i);
>>
ContextRuleGetterDecl(r) ::= <<
<r.ctxName> <r.name>() => getRuleContext\<<r.ctxName>\>(0);
>>
ContextRuleListGetterDecl(r) ::= <<
List\<<r.ctxName>\> <r.name>s() => getRuleContexts\<<r.ctxName>\>();
>>
ContextRuleListIndexedGetterDecl(r) ::= <<
<r.ctxName> <r.name>(int i) => getRuleContext\<<r.ctxName>\>(i);
>>

LexerRuleContext() ::= "RuleContext"

/// The rule
 context name is the rule followed by a suffix; e.g.,
/// r becomes rContext.
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)   ::= "_tset<id>"
ListLabelName(label)   ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = tokenStream.LT(1);"
CaptureNextTokenType(d) ::= "<d.varName> = tokenStream.LA(1);"

```
StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers)
 ::= <<
class <struct.name> extends
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)> implements
<interfaces; separator=", "><endif> {
 <attrs:{a | <a>;}; separator="\n">
 <getters:{g | <g>}; separator="\n">
 <struct.name>([ParserRuleContext parent, int invokingState<ctorAttrs:{a | , <a>}>]) : super(parent,
invokingState)<if(struct.ctorAttrs)> {
   <struct.ctorAttrs:{a | this.<a.name> = <a.name>;}; separator="\n">
 }<else>;<endif>

 @override

 int get ruleIndex => RULE_<struct.derivedFromName>;
<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
 @override
 void copyFrom(<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif> ctx) {
   super.copyFrom(ctx);
   <struct.attrs:{a | this.<a.name> = (ctx as <struct.name>).<a.name>;}; separator="\n">
 }
<endif>
 <dispatchMethods; separator="\n">
 <extensionMembers; separator="\n">
 }
 >>

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
class <struct.name> extends <struct.parentRule; format="cap">Context {
 <attrs:{a | <a>;}; separator="\n">
 <getters:{g | <g>}; separator="\n">
 <struct.name>(<struct.parentRule; format="cap">Context ctx) { copyFrom(ctx); }
 <dispatchMethods; separator="\n">
 }
 >>

ListenerDispatchMethod(method) ::= <<
@override
void <if(method.isEnter)>enter<else>exit<endif>Rule(ParseTreeListener listener) {
 if (listener is <parser.grammarName>Listener)
listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName;
 format="cap">(this);
 }
 >>

VisitorDispatchMethod(method) ::= <<
@override
T accept\<T>(ParseTreeVisitor\<T> visitor) {
```

```
  if (visitor is <parser.grammarName>Visitor\<T>) {
   return visitor.visit<struct.derivedFromName; format="cap">(this);
  } else {
   return visitor.visitChildren(this);
  }
 }
>>


AttributeDecl(d) ::= "<d.type> <d.name><if(d.initValue)> = <d.initValue><endif>"

// If we don't know location of label def x, use this template
labelref(x) ::= "<if(!x.isLocal)>_localctx.<endif><x.name>"

// For any action chunk, what is correctly-typed context struct ptr?
ctx(actionChunk) ::= "_localctx"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)  ::= "precpred(context, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name> = $<src>.<name>;"
recRuleSetStopToken()             ::= "context.stop = tokenStream.LT(-1);"

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
_localctx = <ctxName>Context(_parentctx, _parentState);
<if(label)>
<if(isListLabel)>
_localctx.<label>.add(_prevctx);
<else>
_localctx.<label>
 = _prevctx;
<endif>
<endif>
pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
_localctx = <currentAltLabel; format="cap">Context(new <ruleName; format="cap">Context(_parentctx,
_parentState));
<if(label)>
<if(isListLabel)>
_localctx.<label>.add(_prevctx);
<else>
_localctx.<label> = _prevctx;
<endif>
<endif>
pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>

recRuleReplaceContext(ctxName) ::= <<
```

```
_localctx = <ctxName>Context(_localctx);
context = _localctx;
_prevctx = _localctx;
>>

recRuleSetPrevCtx() ::= <<
if (parseListeners != null) triggerExitRuleEvent();
_prevctx = _localctx;
>>


LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
<if(lexerFile.genPackage)>
part of <lexerFile.genPackage>;
<else>
import
 'package:antlr4/antlr4.dart';
<endif>
<namedActions.header>

<lexer>
>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
<if(namedActions.definitions)><namedActions.definitions><endif>

class <lexer.name> extends <superClass; null="Lexer"> {
 static final checkVersion = () => RuntimeMetaData.checkVersion('<lexerFile.ANTLRVersion>',
RuntimeMetaData.VERSION);

 static final List\<DFA> _decisionToDFA = List.generate(
     _ATN.numberOfDecisions, (i) => DFA(_ATN.getDecisionState(i), i));
 static final PredictionContextCache _sharedContextCache = PredictionContextCache();
<if(lexer.tokens)>
 static const int
  <lexer.tokens:{k | TOKEN_<k> = <lexer.tokens.(k)>}; separator=", ", wrap, anchor>;
<endif>
<if(lexer.channels)>
 static const int
  <lexer.channels:{c | <c> = <lexer.channels.(c)>}; separator=", ", wrap, anchor>;
<endif>
<if(rest(lexer.modes))>
 static const int
  <rest(lexer.modes):{m | <m> = <i>}; separator=", ", wrap, anchor>;
<endif>
```

```
 @override
 final List\<String> channelNames = [
   'DEFAULT_TOKEN_CHANNEL', 'HIDDEN'<if (lexer.channels)>, <lexer.channels:{c| '<c>'}; separator=", ",
wrap, anchor><endif>
 ];

 @override
 final List\<String> modeNames = [
   <lexer.modes:{m| '<m>'}; separator=", ", wrap, anchor>
 ];

 @override
 final List\<String> ruleNames = [
   <lexer.ruleNames:{r | '<r>'}; separator=", ", wrap, anchor>
 ];

 <vocabulary(lexer.literalNames, lexer.symbolicNames)>

 <namedActions.members>

 <lexer.name>(CharStream input) : super(input) {
   interpreter = LexerATNSimulator(_ATN, _decisionToDFA, _sharedContextCache, recog: this);
 }

 @override
 String get serializedATN => _serializedATN;

 @override
 String get grammarFileName => '<lexer.grammarFileName>';

 @override
 ATN getATN() { return _ATN; }

 <dumpActions(lexer, "", actionFuncs, sempredFuncs)>
 <atn>
 }
 >>

 SerializedATN(model) ::= <<
 <if(rest(model.segments))>
 <! requires segmented representation !>
 static const int _serializedATNSegments
  = <length(model.segments)>;
 <model.segments:{segment|static final String _serializedATNSegment<i0> =
  '<segment; wrap={'<\n><\t>'}>';}; separator="\n">
 static final String _serializedATN = [
   <model.segments:{segment | _serializedATNSegment<i0>}; separator=",\n">
 ].join();
```

```
<else>
<! only one segment, can be inlined !>
static const String _serializedATN = '<model.serialized; wrap={'<\n><\t>'}>';
<endif>
static final ATN _ATN =
    ATNDeserializer().deserialize(_serializedATN.codeUnits);
>>


/// Using a type to init value map, try to init a type; if not in table
/// must be an object, default value is "null".
initValue(typeName) ::= <<
<dartTypeInitMap.(typeName)>
>>


codeFileExtension() ::= ".dart"
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/codegen/Dart/Dart.stg
No license file was found, but licenses were detected in source scan.

```
*/
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/codegen/Cpp/Cpp.stg
No license file was found, but licenses were detected in source scan.

```
/*
[The "BSD licence"]
Copyright (c) 2005-20012 Terence Parr
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
   derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
 ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ANTLRParser.java
No license file was found, but licenses were detected in source scan.

```
/*
* [The "BSD license"]
*  Copyright (c) 2012-2016 Terence Parr
*  Copyright (c) 2012-2016 Sam Harwell
*  Copyright (c) 2014 Eric Vergnaud
*  All rights reserved.
*
*  Redistribution and use in source and binary forms, with or without
```

```
/** ANTLR tool checks output templates are compatible with tool code generation.
 * For now, a simple string match used on x.y of x.y.z scheme.
 * Must match Tool.VERSION during load to templates.
 *
 * REQUIRED.
 */

javascriptTypeInitMap ::= [
 "bool":"false",
 "int":"0",
 "float":"0.0",
 "str":"",
 default:"{}" // anything
 other than a primitive type is an object
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
import antlr4 from 'antlr4';
<if(file.genListener)>
import <file.grammarName>Listener from './<file.grammarName>Listener.js';
<endif>
```

```
<if(file.genVisitor)>
import <file.grammarName>Visitor from './<file.grammarName>Visitor.js';
<endif>


<namedActions.header>
<parser>
>>


ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
import antlr4 from 'antlr4';

// This class defines a complete listener for a parse tree produced by <file.parserName>.
export default class <file.grammarName>Listener extends antlr4.tree.ParseTreeListener {

<file.listenerNames:{lname |
 // Enter a parse tree produced by <file.parserName>#<lname>.
 enter<lname; format="cap">(ctx) {
 \}

 // Exit a parse tree produced by <file.parserName>#<lname>.
 exit<lname;
 format="cap">(ctx) {
 \}

}; separator="\n">


}
>>



VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
import antlr4 from 'antlr4';

// This class defines a complete generic visitor for a parse tree produced by <file.parserName>.

export default class <file.grammarName>Visitor extends antlr4.tree.ParseTreeVisitor {

<file.visitorNames:{lname |
 // Visit a parse tree produced by <file.parserName>#<lname>.
 visit<lname; format="cap">(ctx) {
   return this.visitChildren(ctx);
 \}

}; separator="\n">

}
```

```
>>


fileHeader(grammarFileName, ANTLRVersion) ::= <<
// Generated from <grammarFileName; format="java-escape"> by ANTLR <ANTLRVersion>
// jshint ignore: start
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<if(superClass)>
import <superClass> from './<superClass>.js';
<endif>


<atn>

const atn = new antlr4.atn.ATNDeserializer().deserialize(serializedATN);

const decisionsToDFA = atn.decisionToState.map( (ds,
 index) => new antlr4.dfa.DFA(ds, index) );

const sharedContextCache = new antlr4.PredictionContextCache();

export default class <parser.name> extends <superClass; null="antlr4.Parser"> {

  static grammarFileName = "<parser.grammarFileName; format="java-escape">";
  static literalNames = [ <parser.literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor> ];
  static symbolicNames = [ <parser.symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor> ];
  static ruleNames = [ <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor> ];

  constructor(input) {
     super(input);
     this._interp = new antlr4.atn.ParserATNSimulator(this, atn, decisionsToDFA, sharedContextCache);
     this.ruleNames = <parser.name>.ruleNames;
     this.literalNames = <parser.name>.literalNames;
     this.symbolicNames = <parser.name>.symbolicNames;
     <namedActions.members>
  }

  get atn() {
     return atn;
  }

  <if(sempredFuncs)>

 sempred(localctx, ruleIndex, predIndex) {
   switch(ruleIndex) {
   <parser.sempredFuncs.values:{f | case <f.ruleIndex>:
    return this.<f.name>_sempred(localctx, predIndex);}; separator="\n">
```

```
        default:
            throw "No predicate with index:" + ruleIndex;
        }
    }

    <sempredFuncs.values; separator="\n">
    <endif>

 <funcs; separator="\n">

}

<parser.name>.EOF = antlr4.Token.EOF;
<if(parser.tokens)>
<parser.tokens:{k | <parser.name>.<k> = <parser.tokens.(k)>;}; separator="\n", wrap, anchor>
<endif>

<if(parser.rules)>
<parser.rules:{r | <parser.name>.RULE_<r.name> = <r.index>;}; separator="\n", wrap, anchor>
<endif>

<funcs:{f | <ruleContexts(f)>}; separator="\n">

<! Define fields of this parser to export the context classes !>
<parser.funcs:{f | <parser.name>.<f.ctxType> = <f.ctxType>; }; separator="\n">

>>

ruleContexts(currentRule) ::= <<
<currentRule.ruleCtx>

<currentRule.altLabelCtxs:{l | <currentRule.altLabelCtxs.(l)>}; separator="\n">
>>

dumpActions(recog,
 argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
<lexer.name>.prototype.action = function(localctx, ruleIndex, actionIndex) {
 switch (ruleIndex) {
 <recog.actionFuncs.values:{f|
case <f.ruleIndex>:
 this.<f.name>_action(localctx, actionIndex);
 break;}; separator="\n">
 default:
 throw "No registered action for:" + ruleIndex;
 }
};
```

```
<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
<lexer.name>.prototype.sempred = function(localctx, ruleIndex, predIndex) {
 switch (ruleIndex) {
  <recog.sempredFuncs.values:{f| case <f.ruleIndex>:
 return this.<f.name>_sempred(localctx, predIndex);}; separator="\n">
   default:
    throw "No registered predicate for:" + ruleIndex;
  }
};

<sempredFuncs.values; separator="\n">
<endif>
>>


/* This generates a private method since the actionIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleActionFunction(r, actions) ::= <<

<lexer.name>.prototype.<r.name>_action = function(localctx
, actionIndex) {
 switch (actionIndex) {
 <actions:{index|
case <index>:
 <actions.(index)>
 break;}; separator="\n">
 default:
  throw "No registered action for:" + actionIndex;
 }
};
>>


/* This generates a private method since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
<if (r.factory.g.lexer)><lexer.name>.prototype.<r.name>_sempred =
function<else><r.name>_sempred<endif>(localctx, predIndex) {
 switch(predIndex) {
  <actions:{index| case <index>:
 return <actions.(index)>;}; separator="\n">
  default:
   throw "No predicate with index:" + predIndex;
 }
};
```

```
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<


<currentRule.name>(<currentRule.args:{a | <a.name>}; separator=", ">) {
  let localctx = new <currentRule.ctxType>(this, this._ctx, this.state<currentRule.args:{a | , <a.name>}>);
  this.enterRule(localctx,
 <currentRule.startState>, <parser.name>.RULE_<currentRule.name>);
  <namedActions.init>
  <locals; separator="\n">
  try {
    <code>
    <postamble; separator="\n">
    <namedActions.after>
  }<if(exceptions)>
  <exceptions; separator="\n">
  <else> catch (re) {
   if(re instanceof antlr4.error.RecognitionException) {
     localctx.exception = re;
     this._errHandler.reportError(this, re);
     this._errHandler.recover(this, re);
    } else {
     throw re;
    }
  }<endif> finally {
    <finallyAction>
    this.exitRule();
  }
  return localctx;
}

>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble) ::=
<<

<currentRule.name>(_p<if(currentRule.args)>, <args:{a | , <a>}><endif>) {
 if(_p===undefined) {
    _p = 0;
 }
  const _parentctx = this._ctx;
  const _parentState = this.state;
  let localctx = new <currentRule.ctxType>(this, this._ctx, _parentState<args:{a
```

```
|, <a.name>}>);
  let _prevctx = localctx;
  const _startState = <currentRule.startState>;
  this.enterRecursionRule(localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>, _p);
  <namedActions.init>
  <locals; separator="\n">
  try {
     <code>
     <postamble; separator="\n">
     <namedActions.after>
  } catch( error) {
     if(error instanceof antlr4.error.RecognitionException) {
        localctx.exception = error;
        this._errHandler.reportError(this, error);
        this._errHandler.recover(this, error);
     } else {
      throw error;
     }
  } finally {
     <finallyAction>
     this.unrollRecursionContexts(_parentctx)
  }
  return localctx;
}

>>

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>localctx = new <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(this, localctx);<endif>
this.enterOuterAlt(localctx,
 <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>

LL1AltBlock(choice, preamble, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = this._input.LT(1);<endif>
<preamble; separator="\n">
switch(this._input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
```

```
  <alt>
  break;}; separator="\n">
default:
  <error>
}
>>


LL1OptionalBlock(choice, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
switch (this._input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n">
default:
 break;
 }
>>


LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<preamble;
 separator="\n">
if(<expr>) {
  <alts; separator="\n">
}
<!else if ( !(<followExpr>) ) <error>!>
>>


LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<preamble; separator="\n">
while(<loopExpr>) {
  <alts; separator="\n">
  this.state = <choice.loopBackStateNumber>;
  this._errHandler.sync(this);
  <iteration>
}
>>


LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
this.state = <choice.blockStartStateNumber>; <! alt block decision !>
this._errHandler.sync(this);
<preamble; separator="\n">
do {
  <alts; separator="\n">
```

```
    this.state = <choice.stateNumber>; <! loopback/exit decision !>
    this._errHandler.sync(this);
    <iteration>
} while(<loopExpr>);
>>


// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble;
 separator="\n">
var la_ = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
switch(la_) {
<alts:{alt |
case <i>:
  <alt>
  break;
}; separator="\n">
}
>>


OptionalBlock(choice, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
var la_ = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
<alts:{alt |
if(la_===<i><if(!choice.ast.greedy)>+1<endif>) {
  <alt>
}; separator="\n} else ">
}
>>


StarBlock(choice, alts, sync, iteration) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
var _alt = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx)
while(_alt!=<choice.exitAlt> && _alt!=antlr4.atn.ATN.INVALID_ALT_NUMBER) {
  if(_alt===1<if(!choice.ast.greedy)>+1<endif>) {
     <iteration>
     <alts> <! should only be one !>
  }
  this.state = <choice.loopBackStateNumber>;
  this._errHandler.sync(this);
  _alt = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
}
```

```
>>

PlusBlock(choice,
 alts, error) ::= <<
this.state = <choice.blockStartStateNumber>; <! alt block decision !>
this._errHandler.sync(this);
var _alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
 switch (_alt) {
 <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break;}; separator="\n">
 default:
  <error>
 }
 this.state = <choice.loopBackStateNumber>; <! loopback/exit decision !>
 this._errHandler.sync(this);
 _alt = this._interp.adaptivePredict(this._input,<choice.decision>, this._ctx);
} while ( _alt!=<choice.exitAlt> && _alt!=antlr4.atn.ATN.INVALID_ALT_NUMBER );
>>

Sync(s) ::= "sync(<s.expecting.name>)"

ThrowNoViableAlt(t) ::= "throw new antlr4.error.NoViableAltException(this);"

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">
>>

// Javascript language spec - shift operators are 32 bits long max
testShiftInRange(shiftAmount)
 ::= <<
((<shiftAmount>) & ~0x1f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})> && ((1 \<\< <offsetShiftVar(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (1 \<\< <offsetShiftType(ttype, bits.shift)>)}; separator=" | ">)) !== 0)
%>

isZero ::= [
"0":true,
default:false
]
```

```
offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>


offsetShiftType(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<parser.name>.<shiftAmount> - <offset>)<else><parser.name>.<shiftAmount><endif>
%>


// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>===<parser.name>.<ttype>}; separator=" || ">
%>


cases(ttypes) ::= <<
<ttypes:{t | case <parser.name>.<t>:}; separator="\n">
>>


InvokeRule(r,
 argExprsChunks) ::= <<
this.state = <r.stateNumber>;
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif>this.<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChu
nks>);
>>


MatchToken(m) ::= <<
this.state = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>this.match(<parser.name>.<m.name>);
>>


MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"


MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"


CommonSetStuff(m, expr, capture, invert) ::= <<
this.state = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }>this._input.LT(1);<endif>
<capture>
<if(invert)>if(<m.varName>\<=0 || <expr>)<else>if(!(<expr>))<endif> {
  <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>this._errHandler.recoverInline(this);
}
else {
 this._errHandler.reportMatch(this);
  this.consume();
}
>>
```

```
Wildcard(w) ::= <<
this.state = <w.stateNumber>;
<if(w.labels)><w.labels:{l
 | <labelref(l)> = }><endif>this.matchWildcard();
>>


// ACTION STUFF


Action(a, foo, chunks) ::= "<chunks>"


ArgAction(a, chunks) ::= "<chunks>"


SemPred(p, chunks, failChunks) ::= <<
this.state = <p.stateNumber>;
if (!( <chunks>)) {
   throw new antlr4.error.FailedPredicateException(this, <p.predicate><if(failChunks)>,
<failChunks><elseif(p.msg)>, <p.msg><endif>);
}
>>


ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>


// lexer actions are not associated with model objects


LexerSkipCommand()  ::= "this.skip()"
LexerMoreCommand()  ::= "this.more()"
LexerPopModeCommand() ::= "this.popMode()"
LexerTypeCommand(arg, grammar)      ::= "this._type = <arg>"
LexerChannelCommand(arg, grammar)   ::= "this._channel = <arg>"
LexerModeCommand(arg, grammar)      ::= "this._mode = <arg>"
LexerPushModeCommand(arg, grammar)  ::= "this.pushMode(<arg>)"


ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a)
 ::= "localctx.<a.name>"
RetValueRef(a) ::= "localctx.<a.name>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"
```

```
TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"


TokenPropertyRef_text(t) ::= "(<ctx(t)>.<t.label>===null ? null : <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.type)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t)
 ::= "(<ctx(t)>.<t.label> === null ? 0 : parseInt(<ctx(t)>.<t.label>.text))"


RulePropertyRef_start(r) ::= "(<ctx(r)>.<r.label>===null ? null : <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r)  ::= "(<ctx(r)>.<r.label>===null ? null : <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r)  ::= "(<ctx(r)>.<r.label>===null ? null : this._input.getText(new
antlr4.Interval(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop)))"
RulePropertyRef_ctx(r)  ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r)  ::= "this"


ThisRulePropertyRef_start(r) ::= "localctx.start"
ThisRulePropertyRef_stop(r)  ::= "localctx.stop"
ThisRulePropertyRef_text(r)  ::= "this._input.getText(new antlr4.Interval(localctx.start, this._input.LT(-1)))"
ThisRulePropertyRef_ctx(r)  ::= "localctx"
ThisRulePropertyRef_parser(r)  ::= "this"


NonLocalAttrRef(s)     ::= "this.getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s, rhsChunks)  ::= "this.getInvokingContext(<s.ruleIndex>).<s.name>
 = <rhsChunks>"


AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.push(<labelref(a.label)>);"


TokenDecl(t) ::= "this.<t.name> = null; // <TokenLabelType()>"
TokenTypeDecl(t) ::= "var <t.name> = 0; // <TokenLabelType()> type"
TokenListDecl(t) ::= "this.<t.name> = []; // of <TokenLabelType()>s"
RuleContextDecl(r) ::= "this.<r.name> = null; // <r.ctxName>"
RuleContextListDecl(rdecl) ::= "this.<rdecl.name> = []; // of <rdecl.ctxName>s"

ContextTokenGetterDecl(t)      ::= <<
<t.name>() {
  return this.getToken(<parser.name>.<t.name>, 0);
};
>>


// should never be called
ContextTokenListGetterDecl(t)  ::= <<
<t.name>_list() {
  return this.getTokens(<parser.name>.<t.name>);
```

```
}
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
<t.name> = function(i) {
 if(i===undefined) {
 i = null;
 }
  if(i===null) {
     return this.getTokens(<parser.name>.<t.name>);
  } else {
     return this.getToken(<parser.name>.<t.name>, i);
  }
};


>>

ContextRuleGetterDecl(r)
 ::= <<
<r.name>() {
  return this.getTypedRuleContext(<r.ctxName>,0);
};
>>

// should never be called
ContextRuleListGetterDecl(r)  ::= <<
<r.name>_list() {
  return this.getTypedRuleContexts(<parser.name>.<r.ctxName>);
}
>>

ContextRuleListIndexedGetterDecl(r)  ::= <<
<r.name> = function(i) {
  if(i===undefined) {
     i = null;
  }
  if(i===null) {
     return this.getTypedRuleContexts(<r.ctxName>);
  } else {
     return this.getTypedRuleContext(<r.ctxName>,i);
  }
};
>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
```

```
*/
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)    ::= "_tset<id>"
ListLabelName(label)    ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = this._input.LA(1);"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers)
 ::= <<
class <struct.name> extends <if(contextSuperClass)><contextSuperClass><else>antlr4.ParserRuleContext<endif> {

  constructor(parser, parent, invokingState<struct.ctorAttrs:{a | , <a.name>}>) {
     if(parent===undefined) {
        parent = null;
     }
     if(invokingState===undefined || invokingState===null) {
        invokingState = -1;
     }
     super(parent, invokingState);
     this.parser = parser;
     this.ruleIndex = <parser.name>.RULE_<struct.derivedFromName>;
     <attrs:{a | <a>}; separator="\n">
     <struct.ctorAttrs:{a | this.<a.name> = <a.name> || null;}; separator="\n">
  }

<getters:{g | <g>}; separator="\n\n">

<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
copyFrom(ctx) {
 super.copyFrom(ctx);
 <struct.attrs:{a | this.<a.name> = ctx.<a.name>;}; separator="\n">
}
<endif>
<dispatchMethods; separator="\n">
<extensionMembers;
separator="\n">

}

>>

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
class <struct.name> extends <struct.parentRule; format="cap">Context {
```

```
      constructor(parser, ctx) {
        super(parser);
        <attrs:{a | <a>;}; separator="\n">
        super.copyFrom(ctx);
      }

  <getters:{g | <g>}; separator="\n\n">

  <dispatchMethods; separator="\n">

  }

  <! Define fields of this parser to export this struct/context class !>
  <parser.name>.<struct.name> = <struct.name>;

  >>

  ListenerDispatchMethod(method) ::= <<
  <if(method.isEnter)>enter<else>exit<endif>Rule(listener) {
    if(listener instanceof <parser.grammarName>Listener ) {
        listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(this);
  }
  }

  >>

  VisitorDispatchMethod(method) ::= <<
  accept(visitor) {
    if ( visitor instanceof <parser.grammarName>Visitor ) {
        return visitor.visit<struct.derivedFromName; format="cap">(this);
    } else {
        return visitor.visitChildren(this);
    }
  }

  >>

  AttributeDecl(d) ::= "this.<d.name> = <if(d.initValue)><d.initValue><else>null<endif>"

  /** If we don't know location of label def x, use this template */
  labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"

  /** For any action chunk, what is correctly-typed context struct ptr? */
  ctx(actionChunk) ::= "localctx"

  // used for left-recursive rules
  recRuleAltPredicate(ruleName,opPrec)  ::= "this.precpred(this._ctx, <opPrec>)"
  recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>"
```

```
recRuleSetStopToken()            ::= "this._ctx.stop = this._input.LT(-1);"


recRuleAltStartAction(ruleName, ctxName, label) ::= <<
localctx = new <ctxName>Context(this, _parentctx, _parentState);
<if(label)>localctx.<label> = _prevctx;<endif>
this.pushNewRecursionContext(localctx, _startState, <parser.name>.RULE_<ruleName>);
>>


recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
localctx = new <currentAltLabel; format="cap">Context(this,
 new <ruleName; format="cap">Context(this, _parentctx, _parentState));
<if(label)>
<if(isListLabel)>
localctx.<label>.push(_prevctx);
<else>
localctx.<label> = _prevctx;
<endif>
<endif>
this.pushNewRecursionContext(localctx, _startState, <parser.name>.RULE_<ruleName>);
>>


recRuleReplaceContext(ctxName) ::= <<
localctx = new <ctxName>Context(this, localctx);
this._ctx = localctx;
_prevctx = localctx;
>>


recRuleSetPrevCtx() ::= <<
if(this._parseListeners!==null) {
   this.triggerExitRuleEvent();
}
_prevctx = localctx;
>>



LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
import antlr4 from 'antlr4';

<namedActions.header>

<lexer>

>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
<if(superClass)>
import <superClass> from './<superClass>.js';
```

```
<endif>

<atn>

const atn = new antlr4.atn.ATNDeserializer().deserialize(serializedATN);

const decisionsToDFA = atn.decisionToState.map( (ds, index) => new antlr4.dfa.DFA(ds,
 index) );

export default class <lexer.name> extends <if(superClass)><superClass><else>antlr4.Lexer<endif> {

  static grammarFileName = "<lexer.grammarFileName>";
  static channelNames = [ "DEFAULT_TOKEN_CHANNEL", "HIDDEN"<if (lexer.channels)>,
<lexer.channels:{c| "<c>"}; separator=", ", wrap, anchor><endif> ];
 static modeNames = [ <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor> ];
 static literalNames = [ <lexer.literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor> ];
 static symbolicNames = [ <lexer.symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor> ];
 static ruleNames = [ <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor> ];

  constructor(input) {
     super(input)
     this._interp = new antlr4.atn.LexerATNSimulator(this, atn, decisionsToDFA, new
antlr4.PredictionContextCache());
     <namedActions.members>
  }

  get atn() {
     return atn;
  }
}

<lexer.name>.EOF = antlr4.Token.EOF;
<if(lexer.tokens)>
<lexer.tokens:{k
 | <lexer.name>.<k> = <lexer.tokens.(k)>;}; separator="\n", wrap, anchor>
<endif>

<if(lexer.channels)>
<lexer.channels:{c| <lexer.name>.<c> = <lexer.channels.(c)>;}; separator="\n">

<endif>
<if(rest(lexer.modes))>
<rest(lexer.modes):{m| <lexer.name>.<m> = <i>;}; separator="\n">

<endif>

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
```

>>

SerializedATN(model) ::= <<
<! only one segment, can be inlined !>

const serializedATN = ["<model.serialized; wrap={",<\n>   "}>"].join("");

>>

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<javacriptTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".js"

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/codegen/JavaScript/JavaScript.stg
No license file was found, but licenses were detected in source scan.

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
/*
This file contains the actual layout of the messages emitted by ANTLR.
The text itself is coming out of the languages/*stg files, according to the chosen locale.
This file contains the default format ANTLR uses.
*/

location(file, line, column) ::= "<file>(<line>,<column>)"

message(id, text) ::= "error <id> : <text>"

report(location, message, type) ::= "<location> : <type> <message.id> : <message.text>"

wantsSingleLineMessage() ::= "true"

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/templates/messages/formats/vs2005.stg
No license file was found, but licenses were detected in source scan.

/*
* [The "BSD license"]
* Copyright (c) 2012-2016 Terence Parr
* Copyright (c) 2012-2016 Sam Harwell
* Copyright (c) 2015 Janyou
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES,
 INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

```
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

SwiftTypeInitMap ::= [
 "Int":"0",
 "Int64":"0",
 "Float":"0.0",
 "Double":"0.0",
 "Bool":"false",
 default:"nil" // anything other than a primitive type is an object
]
SwiftTypeMap ::= [
 "int":"Int",
 "float":"Float",
 "long":"Int64",
 "double":"Double",
 "bool":"Bool",
 "boolean":"Bool",
 default : key
]
// args must be <object-model-object>,
 <fields-resulting-in-STs>

accessLevelOpenOK(obj) ::= "<obj.accessLevel; null=\"open\">"
accessLevelNotOpen(obj) ::= "<obj.accessLevel; null=\"public\">"

ParserFile(file, parser, namedActions,contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<namedActions.header>
import Antlr4

<parser>
>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>
import Antlr4
```

```
/**
* This interface defines a complete listener for a parse tree produced by
* {@link <file.parserName>}.
*/
<accessLevelNotOpen(file)> protocol <file.grammarName>Listener: ParseTreeListener {
 <file.listenerNames:{lname |
/**
<if(file.listenerLabelRuleNames.(lname))>
* Enter a parse tree produced by the {@code <lname>\}
* labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
<else>
 * Enter a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
- Parameters:
  - ctx: the parse tree
*/
func enter<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context)
/**
<if(file.listenerLabelRuleNames.(lname))>
* Exit a parse tree produced by the {@code <lname>\}
* labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
<else>
* Exit a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
- Parameters:
  - ctx: the parse tree
*/
func exit<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context)}; separator="\n">
}
>>

BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>

import Antlr4


/**
* This class provides an empty implementation of {@link <file.grammarName>Listener},
* which can be extended to create a listener which only needs to handle
 a subset
* of the available methods.
*/
<accessLevelOpenOK(file)> class <file.grammarName>BaseListener: <file.grammarName>Listener {
```

```
    <accessLevelNotOpen(file)> init() { \}
<file.listenerNames:{lname |

/**
* {@inheritDoc\}
*
* \<p>The default implementation does nothing.\</p>
*/
<accessLevelOpenOK(file)> func enter<lname; format="cap">(_ ctx: <file.parserName>.<lname;
format="cap">Context) { \}
/**
* {@inheritDoc\}
*
* \<p>The default implementation does nothing.\</p>
*/
<accessLevelOpenOK(file)> func exit<lname; format="cap">(_ ctx: <file.parserName>.<lname;
format="cap">Context) { \}}; separator="\n">

 /**
  * {@inheritDoc\}
  *
  * \<p>The default implementation does nothing.\</p>
  */
 <accessLevelOpenOK(file)> func enterEveryRule(_ ctx: ParserRuleContext) throws { }
 /**
  * {@inheritDoc\}
  *
  * \<p>The default implementation does nothing.\</p>
  */
 <accessLevelOpenOK(file)> func exitEveryRule(_ ctx: ParserRuleContext) throws { }
 /**
  * {@inheritDoc\}
  *

 * \<p>The default implementation does nothing.\</p>
  */
 <accessLevelOpenOK(file)> func visitTerminal(_ node: TerminalNode) { }
 /**
  * {@inheritDoc\}
  *
  * \<p>The default implementation does nothing.\</p>
  */
 <accessLevelOpenOK(file)> func visitErrorNode(_ node: ErrorNode) { }
}
>>

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
```

```
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>
import Antlr4

/**
 * This interface defines a complete generic visitor for a parse tree produced
 * by {@link <file.parserName>}.
 *
 * @param \<T> The return type of the visit operation. Use {@link Void} for
 * operations with no return type.
 */
<accessLevelOpenOK(file)> class <file.grammarName>Visitor\<T>: ParseTreeVisitor\<T> {
 <file.visitorNames:{lname |
/**
<if(file.visitorLabelRuleNames.(lname))>
 * Visit a parse tree produced by the {@code <lname>\}
 * labeled alternative in {@link <file.parserName>#<file.visitorLabelRuleNames.(lname)>\}.
<else>
 * Visit a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
 - Parameters:
  - ctx: the parse tree
 - returns: the visitor result
 */
<accessLevelOpenOK(file)> func visit<lname; format="cap">(_ ctx: <file.parserName>.<lname;
format="cap">Context) -> T {
 fatalError(#function + " must be overridden")
\}
}; separator="\n">
}
>>

BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>
import Antlr4

/**
 * This class provides an empty implementation of {@link <file.grammarName>Visitor},
 * which can be extended to create a visitor which only needs to handle a subset
 * of the available methods.
 *
 * @param \<T> The return type of the visit operation. Use {@link Void} for
```

```
* operations with no return type.
*/
<accessLevelOpenOK(file)> class <file.grammarName>BaseVisitor\<T>: AbstractParseTreeVisitor\<T> {
 <file.visitorNames:{lname
 |
/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation returns the result of calling
 * {@link #visitChildren\} on {@code ctx\}.\</p>
 */
<accessLevelOpenOK(file)> func visit<lname; format="cap">(_ ctx: <file.parserName>.<lname;
format="cap">Context) -> T? { return visitChildren(ctx) \}}; separator="\n">
}
>>


fileHeader(grammarFileName, ANTLRVersion) ::= <<
// Generated from <grammarFileName; format="java-escape"> by ANTLR <ANTLRVersion>
>>


Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>


Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<!//@SuppressWarnings({"all", "warnings", "unchecked", "unused", "cast"})!>
<accessLevelOpenOK(parser)> class <parser.name>: <superClass; null="Parser"> {

 internal static var _decisionToDFA: [DFA] = {
     var decisionToDFA = [DFA]()
     let length = <parser.name>._ATN.getNumberOfDecisions()
     for i in 0..\<length {
      <!// decisionToDFA[i] = DFA(<parser.name>._ATN.getDecisionState(i)!,
i);!>
       decisionToDFA.append(DFA(<parser.name>._ATN.getDecisionState(i)!, i))
      }
      return decisionToDFA
   }()

 internal static let _sharedContextCache = PredictionContextCache()

 <if(parser.tokens)>
 <accessLevelNotOpen(parser)>
 enum Tokens: Int {
 case EOF = -1, <parser.tokens:{k | <k> = <parser.tokens.(k)>}; separator=", ", wrap, anchor>
 }
 <endif>
```

```
<accessLevelNotOpen(parser)>
<if(parser.rules)>
static let <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>
<endif>

<accessLevelNotOpen(parser)>
static let ruleNames: [String] = [
  <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
]

<vocabulary(parser.literalNames, parser.symbolicNames,
            accessLevelNotOpen(parser))>

override <accessLevelOpenOK(parser)>
func getGrammarFileName() -> String { return "<parser.grammarFileName; format="java-escape">" }

override <accessLevelOpenOK(parser)>
func
getRuleNames() -> [String] { return <parser.name>.ruleNames }

override <accessLevelOpenOK(parser)>
func getSerializedATN() -> String { return <parser.name>._serializedATN }

override <accessLevelOpenOK(parser)>
func getATN() -> ATN { return <parser.name>._ATN }

<namedActions.members>
<parser:(ctor)()>
<funcs; separator="\n">

<if(sempredFuncs)>
override <accessLevelOpenOK(parser)>
func sempred(_ _localctx: RuleContext?, _ ruleIndex: Int, _ predIndex: Int)throws -> Bool {
 switch (ruleIndex) {
  <parser.sempredFuncs.values:{f|
case <f.ruleIndex>:
 return try <f.name>_sempred(_localctx?.castdown(<f.ctxType>.self), predIndex)}; separator="\n">
   default: return true
 }
 <!return true;!>
}
<sempredFuncs.values; separator="\n">
<endif>

<atn>

<accessLevelNotOpen(parser)>
static let _serializedATN = <parser.name>ATN().jsonString
```

```
 <accessLevelNotOpen(parser)>
 static let _ATN = ATNDeserializer().deserializeFromJson(_serializedATN)
 }
 >>


vocabulary(literalNames, symbolicNames,
 accessLevel) ::= <<
private static let _LITERAL_NAMES: [String?] = [
 <literalNames:{t | <t>}; null="nil", separator=", ", wrap, anchor>
]
private static let _SYMBOLIC_NAMES: [String?] = [
 <symbolicNames:{t | <t>}; null="nil", separator=", ", wrap, anchor>
]
<accessLevel>
static let VOCABULARY = Vocabulary(_LITERAL_NAMES, _SYMBOLIC_NAMES)
>>


dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
override <accessLevelOpenOK(parser)>
func action(_ _localctx: RuleContext?, _ ruleIndex: Int, _ actionIndex: Int) throws {
 switch (ruleIndex) {
 <recog.actionFuncs.values:{f|
case <f.ruleIndex>:
 <f.name>_action((_localctx as <f.ctxType>?), actionIndex)
  }; separator="\n">
 default: break
 }
}
<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
override <accessLevelOpenOK(parser)>
func sempred(_ _localctx: RuleContext?, _ ruleIndex: Int,_  predIndex: Int) throws -> Bool {
 switch (ruleIndex) {
 <recog.sempredFuncs.values:{f|
case <f.ruleIndex>:
 return
 try <f.name>_sempred(_localctx?.castdown(<f.ctxType>.self), predIndex)}; separator="\n">
 default: return true
 }
 <!return true;!>
}
<sempredFuncs.values; separator="\n">
<endif>
>>
```

```
parser_ctor(p) ::= <<

override <accessLevelOpenOK(parser)>
func getVocabulary() -> Vocabulary {
  return <p.name>.VOCABULARY
}

override <accessLevelNotOpen(parser)>
init(_ input:TokenStream) throws {
  RuntimeMetaData.checkVersion("4.9.2", RuntimeMetaData.VERSION)
 try super.init(input)
 _interp = ParserATNSimulator(self,<p.name>._ATN,<p.name>._decisionToDFA,
<parser.name>._sharedContextCache)
}

>>

/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<
private func <r.name>_action(_ _localctx: <r.ctxType>?, _ actionIndex: Int) {
 switch (actionIndex) {
 <actions:{index|
case <index>:
 <actions.(index)>
 }; separator="\n">
 default: break
 }
}
>>

/* This generates
 a private method since the predIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleSempredFunction(r, actions) ::= <<
private func <r.name>_sempred(_ _localctx: <r.ctxType>!, _ predIndex: Int) throws -> Bool {
 switch (predIndex) {
 <actions:{index|
  case <index>:return <actions.(index)>}; separator="\n">
    default: return true
 }
 <!return true;!>
}
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
```

```
::= <<
<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">
@discardableResult
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else> <accessLevelOpenOK(parser)> func
<endif><currentRule.name>(<if(first(args))>_ <endif><args; separator=", _">) throws -> <currentRule.ctxType> {
 var _localctx: <currentRule.ctxType> = <currentRule.ctxType>(_ctx, getState()<currentRule.args:{a | ,
<a.name>}>)
 try enterRule(_localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>)
 <namedActions.init>
 <locals;
 separator="\n">
 defer {
    <finallyAction>
    try! exitRule()
  }
 do {
<if(currentRule.hasLookaheadBlock)>
 var _alt:Int
<endif>
  <code>
 <postamble; separator="\n">
  <namedActions.after>
 }
 <if(exceptions)>
 <exceptions; separator="\n">
 <else>
 catch ANTLRException.recognition(let re) {
 _localctx.exception = re
 _errHandler.reportError(self, re)
 try _errHandler.recover(self, re)
 }
 <endif>

 return _localctx
 }
>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else> <accessLevelNotOpen(parser)> final <endif>
func <currentRule.name>( <if(first(args))>_ <endif><args; separator=", _">) throws -> <currentRule.ctxType>   {
 return try <currentRule.name>(0<currentRule.args:{a | , <a.name>}>)
```

```
}
@discardableResult
private
 func <currentRule.name>(_ _p<args:{a | , <a>}>: Int) throws -> <currentRule.ctxType>  {
 let _parentctx: ParserRuleContext? = _ctx
 let _parentState: Int = getState()
 var _localctx: <currentRule.ctxType> = <currentRule.ctxType>(_ctx, _parentState<currentRule.args:{a | ,
<a.name>}>)
 var _prevctx: <currentRule.ctxType> = _localctx
 let _startState: Int = <currentRule.startState>
 try enterRecursionRule(_localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>, _p)
 <namedActions.init>
 <locals; separator="\n">
 defer {
    <finallyAction>
    try! unrollRecursionContexts(_parentctx)
  }
 do {
<if(currentRule.hasLookaheadBlock)>
 var _alt: Int
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
 }
 catch ANTLRException.recognition(let re) {
 _localctx.exception = re
 _errHandler.reportError(self, re)
 try _errHandler.recover(self, re)
 }

 return _localctx;
 }
>>

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble,
 ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx =  <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
try enterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>)
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<!//{!>
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
```

```
<!//}!>
>>

LL1AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = try _input.LT(1)<endif>
<preamble; separator="\n">
switch (<parser.name>.Tokens(rawValue: try _input.LA(1))!) {
<choice.altLook,alts:{look,alt | <cases(ttypes=look)>
 <alt>
 break}; separator="\n">
default:
 <error>
}
>>

LL1OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
switch (<parser.name>.Tokens(rawValue: try _input.LA(1))!)
 {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break}; separator="\n">
default:
 break
}
>>

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
<preamble; separator="\n">
if (<expr>) {
 <alts; separator="\n">
}
<!else if ( !(<followExpr>) ) <error>!>
>>

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
<preamble; separator="\n">
while (<loopExpr>) {
 <alts; separator="\n">
 setState(<choice.loopBackStateNumber>)
 try _errHandler.sync(self)
```

```
 <iteration>
}
>>


LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
setState(<choice.blockStartStateNumber>) <! alt block decision !>
try _errHandler.sync(self)
<preamble; separator="\n">
repeat {
 <alts; separator="\n">
 setState(<choice.stateNumber>); <! loopback/exit decision !>
 try _errHandler.sync(self)
 <iteration>
} while (<loopExpr>)
>>


//
 LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = try _input.LT(1)<endif>
<preamble; separator="\n">
switch(try getInterpreter().adaptivePredict(_input,<choice.decision>, _ctx)) {
<alts:{alt |
case <i>:
 <alt>
 break}; separator="\n">
default: break
}
>>


OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
switch (try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)) {
<alts:{alt |
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break}; separator="\n">
default: break
}
>>


StarBlock(choice, alts, sync, iteration) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
```

```
_alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)
while (_alt != <choice.exitAlt> && _alt != ATN.INVALID_ALT_NUMBER) {
 if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {
  <iteration>
  <alts> <! should
 only be one !>
 }
 setState(<choice.loopBackStateNumber>)
 try _errHandler.sync(self)
 _alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)
 }
>>


PlusBlock(choice, alts, error) ::= <<
setState(<choice.blockStartStateNumber>); <! alt block decision !>
try _errHandler.sync(self)
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
repeat {
 switch (_alt) {
 <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break}; separator="\n">
 default:
  <error>
 }
 setState(<choice.loopBackStateNumber>); <! loopback/exit decision !>
 try _errHandler.sync(self)
 _alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)
} while (_alt != <choice.exitAlt> && _alt !=  ATN.INVALID_ALT_NUMBER)
>>


Sync(s) ::= "sync(<s.expecting.name>);"


ThrowNoViableAlt(t) ::= "throw ANTLRException.recognition(e: NoViableAltException(self))"


TestSetInline(s) ::= <<
<!<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
 bits)><endif>}; separator=" || ">!>
//closure
{ () -> Bool in
    <if(rest(s.bitsets))>var<else>let<endif> testSet: Bool = <first(s.bitsets):{bits |
<if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s, bits)><endif>}>
      <rest(s.bitsets):{bits | testSet = testSet || <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s,
bits)><else><bitsetInlineComparison(s, bits)><endif>}; separator="\n">
    return testSet
}()
>>
```

```
// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>


// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <<
<!(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((1 \<\< <offsetShift(s.varName, bits.shift)>) &
(<bits.ttypes:{ttype | (1 \<\< <offsetShift(ttype, bits.shift)>)}; separator=" | ">)) != 0)!>
{  ()
 -> Bool in
   <! let test: Bool = (<testShiftInRange({<offsetShift(s.varName, bits.shift)>})>)!>
  <!var temp: Int64 =  Int64(<offsetShift(s.varName, bits.shift)>)!>
  <!temp = (temp \< 0) ? (64 + (temp % 64 )) : (temp % 64)!>
  <!let test1: Int64 = (Int64(1) \<\< temp)!>
  <!var test2: Int64 = (<first(bits.ttypes):{ttype | Utils.bitLeftShift(<offsetShift(parserName(ttype), bits.shift)>)}>)!>
  <!<rest(bits.ttypes):{ttype | test2 = test2 | Utils.bitLeftShift(<offsetShift(parserName(ttype), bits.shift)>)};
separator="\n">!>
  let testArray: [Int] = [<s.varName>, <bits.ttypes:{ttype |<parserName(ttype)>}; separator=",">]
  <!var test2: Int64 = Utils.testBitLeftShiftArray(testArray)!>
   return  Utils.testBitLeftShiftArray(testArray, <bits.shift>)
}()
>>


isZero ::= [
"0": true,
default: false
]
parserName(ttype) ::= <%
<parser.name>.Tokens.<ttype>.rawValue
%>
offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

//
 produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName> == <parser.name>.Tokens.<ttype>.rawValue}; separator=" || ">
%>


cases(ttypes) ::= <<
<trunc(ttypes): {t | case .<t>:fallthrough}  ; separator="\n">
<last(ttypes): {t | case .<t>:}  ; separator="\n">
>>


InvokeRule(r, argExprsChunks) ::= <<
```

```
setState(<r.stateNumber>)
<if(r.labels)>
try {
  let assignmentValue = try
<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>)
  <r.labels:{l | <labelref(l)> = assignmentValue} ; separator="\n">
    }()
<else>try
<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>)<endif>
>>


MatchToken(m) ::= <<
setState(<m.stateNumber>)
<if(m.labels)>
try {
  let assignmentValue = try match(<parser.name>.Tokens.<m.name>.rawValue)
  <m.labels:{l | <labelref(l)> = assignmentValue}  ; separator="\n">
    }()
<else>try match(<parser.name>.Tokens.<m.name>.rawValue)<endif>
>>


MatchSet(m,
 expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"


MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"


CommonSetStuff(m, expr, capture, invert) ::= <<
setState(<m.stateNumber>)
<if(m.labels)><m.labels:{l | <labelref(l)> = }>try _input.LT(1)<endif>
<capture>
if (<if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr>)) {
 <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>try _errHandler.recoverInline(self)<if(m.labels)> as
Token<endif>
}
else {
 _errHandler.reportMatch(self)
 try consume()
}
>>


Wildcard(w) ::= <<
setState(<w.stateNumber>)
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>try matchWildcard();
>>


// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"
```

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
setState(<p.stateNumber>)
if (!(<chunks>)) {
  throw ANTLRException.recognition(e:FailedPredicateException(self, <p.predicate><if(failChunks)>,
 <failChunks><elseif(p.msg)>, <p.msg><endif>))
}
>>

ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>

// lexer actions are not associated with model objects

LexerSkipCommand() ::= "skip()"
LexerMoreCommand() ::= "more()"
LexerPopModeCommand() ::= "popMode()"

LexerTypeCommand(arg)   ::= "_type = <arg>"
LexerChannelCommand(arg)   ::= "_channel = <arg>"
LexerModeCommand(arg)   ::= "_mode = <arg>"
LexerPushModeCommand(arg) ::= "pushMode(<arg>)"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "_localctx.<a.name>"
LocalRef(a) ::= "_localctx.<a.name>"
RetValueRef(a) ::= "_localctx.<a.name>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType()
 ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getText()! : \"\")"
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getType() : 0)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getLine() : 0)"
TokenPropertyRef_pos(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getCharPositionInLine() : 0)"

TokenPropertyRef_channel(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getChannel() : 0)"
TokenPropertyRef_index(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getTokenIndex() : 0)"
TokenPropertyRef_int(t) ::= "(<ctx(t)>.<t.label> != nil ? Int(<ctx(t)>.<t.label>!.getText()!) : 0)"

RulePropertyRef_start(r) ::= "(<ctx(r)>.<r.label> != nil ? (<ctx(r)>.<r.label>!.start?.description ?? \"\") : \"\")"
RulePropertyRef_stop(r) ::= "(<ctx(r)>.<r.label> != nil ? (<ctx(r)>.<r.label>!.stop?.description ?? \"\") : \"\")"
RulePropertyRef_text(r)
 ::= "(<ctx(r)>.<r.label> != nil ? try _input.getText(<ctx(r)>.<r.label>!.start,<ctx(r)>.<r.label>!.stop) : \"\")"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "self"

ThisRulePropertyRef_start(r) ::= "_localctx.start"
ThisRulePropertyRef_stop(r) ::= "_localctx.stop"
ThisRulePropertyRef_text(r) ::= "(try _input.getText(_localctx.start, try _input.LT(-1)))"
ThisRulePropertyRef_ctx(r) ::= "_localctx"
ThisRulePropertyRef_parser(r) ::= "self"

NonLocalAttrRef(s) ::= "((<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::=
 "((<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"

TokenDecl(t) ::= "<t.name>: <SwiftTypeMap.(TokenLabelType())>!"
TokenTypeDecl(t) ::= "var <t.name>: Int = 0"
TokenListDecl(t) ::= "<t.name>: [Token] = [Token]()"
RuleContextDecl(r)
 ::= "<r.name>: <r.ctxName>!"
RuleContextListDecl(rdecl) ::= "<rdecl.name>: [<rdecl.ctxName>] = [<rdecl.ctxName>]()"

ContextTokenGetterDecl(t) ::= <<
 <accessLevelOpenOK(parser)>
 func <t.name>() -> TerminalNode? {
  return getToken(<parser.name>.Tokens.<t.name>.rawValue, 0)
 }
>>
ContextTokenListGetterDecl(t) ::= <<
 <accessLevelOpenOK(parser)>
 func <t.name>() -> [TerminalNode] {
  return getTokens(<parser.name>.Tokens.<t.name>.rawValue)
 }
>>
ContextTokenListIndexedGetterDecl(t) ::= <<
 <accessLevelOpenOK(parser)>
 func <t.name>(_ i:Int) -> TerminalNode? {
  return getToken(<parser.name>.Tokens.<t.name>.rawValue, i)
 }
>>

```
ContextRuleGetterDecl(r) ::= <<
<accessLevelOpenOK(parser)>
func <r.name>() -> <r.ctxName>? {
 return getRuleContext(<r.ctxName>.self, 0)
}
>>
ContextRuleListGetterDecl(r) ::= <<
<accessLevelOpenOK(parser)>
func <r.name>() -> [<r.ctxName>] {
 return getRuleContexts(<r.ctxName>.self)
}
>>
ContextRuleListIndexedGetterDecl(r)   ::= <<
<accessLevelOpenOK(parser)>
func
<r.name>(_ i: Int) -> <r.ctxName>? {
 return getRuleContext(<r.ctxName>.self, i)
}
>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)    ::= "_tset<id>"
ListLabelName(label)    ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = try _input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = try _input.LA(1)"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers,
        superClass={ParserRuleContext}) ::= <<

<accessLevelNotOpen(parser)> class <struct.name>:
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)>, <interfaces;
separator=", "><endif> {
<attrs:{a | <accessLevelOpenOK(parser)> var <a>}; separator="\n">
<getters:{g | <g>}; separator="\n">
<!
<if(ctorAttrs)> <accessLevelNotOpen(parser)> init(_ parent: ParserRuleContext,_ invokingState: Int) {
super.init(parent, invokingState)  }<endif> !>
<if(ctorAttrs)>
<accessLevelNotOpen(parser)> convenience init(_ parent: ParserRuleContext?, _ invokingState: Int<ctorAttrs:{a | ,
```

```
_ <a>}>) {
 self.init(parent, invokingState)
 <struct.ctorAttrs:{a | self.<a.name> = <a.name>;}; separator="\n">
 }
 <endif>

 override <accessLevelOpenOK(parser)>
 func getRuleIndex() -> Int {
  return <parser.name>.RULE_<struct.derivedFromName>
 }
<if(struct.provideCopyFrom && struct.attrs)> <! don't need copy unless we have subclasses !>
 <accessLevelOpenOK(parser)>
 override func copyFrom(_ ctx_: ParserRuleContext) {
  super.copyFrom(ctx_)
  let ctx = ctx_ as! <struct.name>
  <struct.attrs:{a | self.<a.name> = ctx.<a.name>;}; separator="\n">
 }
<endif>
 <dispatchMethods; separator="\n">
 <extensionMembers; separator="\n">
}
>>


AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
<accessLevelNotOpen(parser)>
 class <struct.name>: <currentRule.name; format="cap">Context {
 <attrs:{a | <accessLevelNotOpen(parser)> var <a>}; separator="\n">
 <getters:{g | <g>}; separator="\n">

 <accessLevelNotOpen(parser)>
 init(_ ctx: <currentRule.name; format="cap">Context) {
  super.init()
  copyFrom(ctx)
 }
 <dispatchMethods; separator="\n">
}
>>


ListenerDispatchMethod(method) ::= <<
override <accessLevelOpenOK(parser)>
func <if(method.isEnter)>enter<else>exit<endif>Rule(_ listener: ParseTreeListener) {
 if let listener = listener as? <parser.grammarName>Listener {
  listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(self)
 }
}
>>


VisitorDispatchMethod(method) ::= <<
```

```
override <accessLevelOpenOK(parser)>
func accept\<T>(_ visitor: ParseTreeVisitor\<T>) -> T? {
 if let visitor = visitor as? <parser.grammarName>Visitor {
    return visitor.visit<struct.derivedFromName; format="cap">(self)
 }
 else if let visitor = visitor as? <parser.grammarName>BaseVisitor
 {
    return visitor.visit<struct.derivedFromName; format="cap">(self)
 }
 else {
     return visitor.visitChildren(self)
 }
}
>>

AttributeDecl(d) ::= "<d.name>: <SwiftTypeMap.(d.type)><if(d.initValue)> = <d.initValue><else>!<endif>"

/** If we don't know location of label def x, use this template (_localctx as! <x.ctx.name> */
labelref(x) ::= "<if(!x.isLocal)>_localctx.castdown(<x.ctx.name>.self).<endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr?    */
ctx(actionChunk) ::= "_localctx.castdown(<actionChunk.ctx.name>.self)"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)  ::= "precpred(_ctx, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>"
recRuleSetStopToken()              ::= "_ctx!.stop = try _input.LT(-1)"

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
_localctx = <ctxName>Context(_parentctx, _parentState);
<if(label)>
<if(isListLabel)>
_localctx.<label>.append(_prevctx)
<else>
_localctx.<label>
 = _prevctx
<endif>
<endif>
<if(label)>_localctx.<label> = _prevctx;<endif>
try pushNewRecursionContext(_localctx, _startState, <parser.name>.RULE_<ruleName>)
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
_localctx = <currentAltLabel; format="cap">Context(  <ruleName; format="cap">Context(_parentctx,
_parentState))
<if(label)>
<if(isListLabel)>
(_localctx as! <currentAltLabel; format="cap">Context).<label>.append(_prevctx)
```

```
<else>
(_localctx as! <currentAltLabel; format="cap">Context).<label> = _prevctx
<endif>
<endif>
try pushNewRecursionContext(_localctx, _startState, <parser.name>.RULE_<ruleName>)
>>

recRuleReplaceContext(ctxName) ::= <<
_localctx = <ctxName>Context(_localctx)
_ctx = _localctx
_prevctx = _localctx
>>

recRuleSetPrevCtx() ::= <<
if _parseListeners != nil {
  try triggerExitRuleEvent()
}
_prevctx = _localctx
>>


LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName,
 lexerFile.ANTLRVersion)>
<if(lexerFile.genPackage)>
<!package <lexerFile.genPackage>;!>
<endif>
<namedActions.header>
import Antlr4

<lexer>
>>
Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
<accessLevelOpenOK(lexer)> class <lexer.name>: <superClass; null="Lexer"> {

 internal static var _decisionToDFA: [DFA] = {
     var decisionToDFA = [DFA]()
     let length = <lexer.name>._ATN.getNumberOfDecisions()
     for i in 0..\<length {
      <! decisionToDFA[i] = DFA(<lexer.name>._ATN.getDecisionState(i)!, i);!>
        decisionToDFA.append(DFA(<lexer.name>._ATN.getDecisionState(i)!, i))
     }
      return decisionToDFA
   }()

 internal static let _sharedContextCache = PredictionContextCache()

 <accessLevelNotOpen(lexer)>
```

```
<if(lexer.tokens)>
static let <lexer.tokens:{k | <k>=<lexer.tokens.(k)>}; separator=", ", wrap, anchor>
<endif>

<if(lexer.channels)>
<accessLevelNotOpen(lexer)>
static let <lexer.channels:{k | <k>=<lexer.channels.(k)>};
separator=", ", wrap, anchor>
<endif>
<if(rest(lexer.modes))>
<accessLevelNotOpen(lexer)>
static let <rest(lexer.modes):{m| <m>=<i>}; separator=", ", wrap, anchor>
<endif>
<accessLevelNotOpen(lexer)>
static let channelNames: [String] = [
 "DEFAULT_TOKEN_CHANNEL", "HIDDEN"<if (lexer.channels)>, <lexer.channels:{c| "<c>"}; separator=", ",
wrap, anchor><endif>
]

<accessLevelNotOpen(lexer)>
static let modeNames: [String] = [
 <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor>
]

<accessLevelNotOpen(lexer)>
static let ruleNames: [String] = [
 <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
]

<vocabulary(lexer.literalNames, lexer.symbolicNames,
            accessLevelNotOpen(lexer))>

<namedActions.members>

override <accessLevelOpenOK(lexer)>
func getVocabulary() -> Vocabulary {
 return <lexer.name>.VOCABULARY
}

<accessLevelNotOpen(lexer)>
required init(_ input: CharStream) {
    RuntimeMetaData.checkVersion("<lexerFile.ANTLRVersion>",
RuntimeMetaData.VERSION)
 super.init(input)
 _interp = LexerATNSimulator(self, <lexer.name>._ATN, <lexer.name>._decisionToDFA,
<lexer.name>._sharedContextCache)
 }
```

```
override <accessLevelOpenOK(lexer)>
func getGrammarFileName() -> String { return "<lexer.grammarFileName>" }

override <accessLevelOpenOK(lexer)>
func getRuleNames() -> [String] { return <lexer.name>.ruleNames }

override <accessLevelOpenOK(lexer)>
func getSerializedATN() -> String { return <lexer.name>._serializedATN }

override <accessLevelOpenOK(lexer)>
func getChannelNames() -> [String] { return <lexer.name>.channelNames }

override <accessLevelOpenOK(lexer)>
func getModeNames() -> [String] { return <lexer.name>.modeNames }

override <accessLevelOpenOK(lexer)>
func getATN() -> ATN { return <lexer.name>._ATN }

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>

<accessLevelNotOpen(lexer)>
static let _serializedATN: String = <lexer.name>ATN().jsonString

<accessLevelNotOpen(lexer)>
static
let _ATN: ATN = ATNDeserializer().deserializeFromJson(_serializedATN)
}
>>

/** Don't need to define anything. The tool generates a XParserATN.swift file (and same for lexer)
 * which is referenced from static field _serializedATN.  This json string is passed to
 * deserializeFromJson(). Note this is not the "serialization as array of ints" that other targets
 * do. It is more or less the output of ATNPrinter which gets read back in.
 */
SerializedATN(model) ::= <<
>>

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<SwiftTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".swift"

Found in path(s):
```

---

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/codegen/Swift/Swift.stg
No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 * Copyright (c) 2012-2016 Terence Parr
 * Copyright (c) 2012-2016 Sam Harwell
 * All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 *
 * 1. Redistributions of source code must retain the above copyright
 *    notice, this list of conditions and the following disclaimer.
 * 2. Redistributions in binary form must reproduce the above copyright
 *    notice, this list of conditions and the following disclaimer in the
 *    documentation and/or other materials provided with the distribution.
 * 3. The name of the author may not be used to endorse or promote products
 *    derived from this software without specific prior written permission.
 *
 * THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 * IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
 * OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 * IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 * NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 * DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 * THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 * (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 * THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

tree grammar BlockSetTransformer;
options {
 language     = Java;
 tokenVocab   = ANTLRParser;
 ASTLabelType = GrammarAST;
 output   = AST;
 filter   = true;
}

@header {
package org.antlr.v4.parse;
import org.antlr.v4.misc.Utils;
import org.antlr.v4.misc.*;
```

```
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.util.List;
import java.util.Set;
import
 java.util.HashSet;
import java.util.ArrayList;
import org.antlr.v4.runtime.misc.IntervalSet;
}

@members {
public String currentRuleName;
public GrammarAST currentAlt;
public Grammar g;
public BlockSetTransformer(TreeNodeStream input, Grammar g) {
  this(input, new RecognizerSharedState());
  this.g = g;
}
}

topdown
  : ^(RULE (id=TOKEN_REF|id=RULE_REF) {currentRuleName=$id.text;} .+)
  | setAlt
  | ebnfBlockSet
  | blockSet
;

setAlt
 : {inContext("RULE BLOCK")}?
  ALT {currentAlt = $start;}
;

// (BLOCK (ALT (+ (BLOCK (ALT INT) (ALT ID)))))
ebnfBlockSet
@after {
 GrammarTransformPipeline.setGrammarPtr(g, $tree);
}
 : ^(ebnfSuffix blockSet) -> ^(ebnfSuffix ^(BLOCK<BlockAST> ^(ALT<AltAST> blockSet)))
;

ebnfSuffix
@after {$tree = (GrammarAST)adaptor.dupNode($start);}
 : OPTIONAL
 | CLOSURE
  | POSITIVE_CLOSURE
;

blockSet
```

```
@init {
boolean inLexer = Grammar.isTokenName(currentRuleName);
}
@after {
 GrammarTransformPipeline.setGrammarPtr(g, $tree);
}
 : {inContext("RULE")}?
 // top-level: rule block and > 1 alt
  ^(BLOCK ^(alt=ALT elementOptions? {((AltAST)$alt).altLabel==null}? setElement[inLexer]) ( ^(ALT
elementOptions? setElement[inLexer]) )+)
 -> ^(BLOCK<BlockAST>[$BLOCK.token] ^(ALT<AltAST>[$BLOCK.token,"ALT"] ^(SET[$BLOCK.token,
"SET"] setElement+)))
 | {!inContext("RULE")}? // if not rule block and > 1 alt
 ^(BLOCK ^(ALT elementOptions? setElement[inLexer]) ( ^(ALT elementOptions? setElement[inLexer]) )+)
 -> ^(SET[$BLOCK.token, "SET"] setElement+)
 ;

setElement[boolean inLexer]
@after {
 GrammarTransformPipeline.setGrammarPtr(g, $tree);
}
 : ( ^(a=STRING_LITERAL elementOptions) {!inLexer ||
CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1}?
 |   a=STRING_LITERAL {!inLexer || CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1}?
 | {!inLexer}?=> ^(TOKEN_REF elementOptions)
 | {!inLexer}?=>   TOKEN_REF
 | {inLexer}?=> ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
  {CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1
&&
   CharSupport.getCharValueFromGrammarCharLiteral($b.getText())!=-1}?
 )
 ;

elementOptions
 : ^(ELEMENT_OPTIONS elementOption*)
 ;

elementOption
 : ID
 | ^(ASSIGN id=ID v=ID)
 | ^(ASSIGN ID v=STRING_LITERAL)
 | ^(ASSIGN ID v=ACTION)
 | ^(ASSIGN ID v=INT)
 ;
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/parse/BlockSetTransformer.g

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.
* Use of this file is governed by the BSD 3-clause license that
* can be found in the LICENSE.txt file in the project root.
*/
/**
 [The "BSD license"]
 Copyright (c) 2011 Cay Horstmann
 All rights reserved.

 Redistribution and use in source and binary forms, with or without
 modification, are permitted provided that the following conditions
 are met:

 1. Redistributions of source code must retain the above copyright
 notice, this list of conditions and the following disclaimer.
 2. Redistributions in binary form must reproduce the above copyright
 notice, this list of conditions and the following disclaimer in the
 documentation and/or other materials provided with the distribution.
 3. The name of the author may not be used to endorse or promote products
 derived from this software without specific prior written permission.

 THIS
 SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
 OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/gui/GraphicsSupport.java
No license file was found, but licenses were detected in source scan.

```
/*
* [The "BSD license"]
*  Copyright (c) 2016, Mike Lischke
*  All rights reserved.
*
*  Redistribution and use in source and binary forms, with or without
*  modification, are permitted provided that the following conditions
```

* are met:
 *
 * 1. Redistributions of source code must retain the above copyright
 *   notice, this list of conditions and the following disclaimer.
 * 2. Redistributions in binary form must reproduce the above copyright
 *   notice, this list of conditions and the following disclaimer in the
 *   documentation and/or other materials provided with the distribution.
 * 3. The name of the author may not be used to endorse or promote products
 *   derived from this software without specific prior written permission.
 *
 * THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 * IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
 * OF MERCHANTABILITY
 AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 * IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 * NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 * DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 * THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 * (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 * THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

Found in path(s):
 * /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/codegen/Cpp/Files.stg
No license file was found, but licenses were detected in source scan.

/*
 * [The "BSD license"]
 * Copyright (c) 2012-2016 Terence Parr
 * Copyright (c) 2012-2016 Sam Harwell
 * All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 *
 * 1. Redistributions of source code must retain the above copyright
 *   notice, this list of conditions and the following disclaimer.
 * 2. Redistributions in binary form must reproduce the above copyright
 *   notice, this list of conditions and the following disclaimer in the
 *   documentation and/or other materials provided with the distribution.
 * 3. The name of the author may not be used to endorse or promote products
 *   derived from this software without specific prior written permission.
 *
 * THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 * IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED

TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

```
phpTypeInitMap ::= [
 "int":"0",
 "long":"0",
 "float":"0.0",
 "double":"0.0",
 "boolean":"false",
 default:"null"
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<parser>
>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName,
 file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage>;
<endif>
<header>
use Antlr\\Antlr4\\Runtime\\Tree\\ParseTreeListener;

/**
 * This interface defines a complete listener for a parse tree produced by
 * {@see <file.parserName>}.
 */
interface <file.grammarName>Listener extends ParseTreeListener {
 <file.listenerNames:{lname |
/**
<if(file.listenerLabelRuleNames.(lname))>
 * Enter a parse tree produced by the `<lname>`
 * labeled alternative in {@see <file.parserName>::<file.listenerLabelRuleNames.(lname)>()\}.
<else>
 * Enter a parse tree produced by {@see <file.parserName>::<lname>()\}.
```

```
<endif>
* @param $context The parse tree.
*/
public function enter<lname; format="cap">(Context\\<lname; format="cap">Context $context) : void;
/**
<if(file.listenerLabelRuleNames.(lname))>
* Exit a parse tree produced by the `<lname>` labeled alternative
* in {@see <file.parserName>::<file.listenerLabelRuleNames.(lname)>()\}.
<else>
* Exit a parse
 tree produced by {@see <file.parserName>::<lname>()\}.
<endif>
* @param $context The parse tree.
*/
public function exit<lname; format="cap">(Context\\<lname; format="cap">Context $context) : void;};
separator="\n">
}
>>

BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage>;
<endif>
<header>

use Antlr\\Antlr4\\Runtime\\ParserRuleContext;
use Antlr\\Antlr4\\Runtime\\Tree\\ErrorNode;
use Antlr\\Antlr4\\Runtime\\Tree\\TerminalNode;

/**
* This class provides an empty implementation of {@see <file.grammarName>Listener},
* which can be extended to create a listener which only needs to handle a subset
* of the available methods.
*/
class <file.grammarName>BaseListener implements <file.grammarName>Listener
{
 <file.listenerNames:{lname |
/**
* {@inheritdoc\}
*
* The default implementation does nothing.
*/
public function enter<lname; format="cap">(Context\\<lname; format="cap">Context
 $context) : void {\}

/**
* {@inheritdoc\}
```

```
 *
 * The default implementation does nothing.
 */
public function exit<lname; format="cap">(Context\\<lname; format="cap">Context $context) : void {\}};
separator="\n">

 /**
  * {@inheritdoc\}
  *
  * The default implementation does nothing.
  */
 public function enterEveryRule(ParserRuleContext $context) : void {}

 /**
  * {@inheritdoc\}
  *
  * The default implementation does nothing.
  */
 public function exitEveryRule(ParserRuleContext $context) : void {}

 /**
  * {@inheritdoc\}
  *
  * The default implementation does nothing.
  */
 public function visitTerminal(TerminalNode $node) : void {}

 /**
  * {@inheritdoc\}
  *
  * The default implementation does nothing.
  */
 public function visitErrorNode(ErrorNode $node) : void {}
}
>>

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage>;
<endif>

<header>
use Antlr\\Antlr4\\Runtime\\Tree\\ParseTreeVisitor;

/**
 * This interface defines a complete generic visitor for a parse tree produced by {@see <file.parserName>}.
 */
```

```
interface <file.grammarName>Visitor extends ParseTreeVisitor
{
 <file.visitorNames:{lname |
/**
<if(file.visitorLabelRuleNames.(lname))>
 * Visit a parse tree produced by the `<lname>` labeled alternative
 * in {@see <file.parserName>::<file.visitorLabelRuleNames.(lname)>()\}.
<else>
 * Visit a parse tree produced by {@see <file.parserName>::<lname>()\}.
<endif>
 *
 * @param Context\\<lname; format="cap">Context $context The parse tree.
 *
 * @return mixed The visitor result.
 */
public function visit<lname; format="cap">(Context\\<lname; format="cap">Context $context);};
separator="\n\n">
}
>>

BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage>;
<endif>
<header>
use Antlr\\Antlr4\\Runtime\\Tree\\AbstractParseTreeVisitor;

/**
 * This class provides
 an empty implementation of {@see <file.grammarName>Visitor},
 * which can be extended to create a visitor which only needs to handle a subset
 * of the available methods.
 */
class <file.grammarName>BaseVisitor extends AbstractParseTreeVisitor implements <file.grammarName>Visitor
{
 <file.visitorNames:{lname |
/**
 * {@inheritdoc\}
 *
 * The default implementation returns the result of calling
 * {@see self::visitChildren()\} on `context`.
 */
public function visit<lname; format="cap">(Context\\<lname; format="cap">Context $context)
{
   return $this->visitChildren($context);
\}}; separator="\n\n">
}
```

```
>>

fileHeader(grammarFileName, ANTLRVersion) ::= <<
\<?php

/*
 * Generated from <grammarFileName> by ANTLR <ANTLRVersion>
 */

>>
Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
namespace<if(file.genPackage)> <file.genPackage><endif> {
<if(namedActions.header)><namedActions.header><endif>
 use
 Antlr\\Antlr4\\Runtime\\Atn\\ATN;
 use Antlr\\Antlr4\\Runtime\\Atn\\ATNDeserializer;
 use Antlr\\Antlr4\\Runtime\\Atn\\ParserATNSimulator;
 use Antlr\\Antlr4\\Runtime\\Dfa\\DFA;
 use Antlr\\Antlr4\\Runtime\\Error\\Exceptions\\FailedPredicateException;
 use Antlr\\Antlr4\\Runtime\\Error\\Exceptions\\NoViableAltException;
 use Antlr\\Antlr4\\Runtime\\PredictionContexts\\PredictionContextCache;
 use Antlr\\Antlr4\\Runtime\\Error\\Exceptions\\RecognitionException;
 use Antlr\\Antlr4\\Runtime\\RuleContext;
 use Antlr\\Antlr4\\Runtime\\Token;
 use Antlr\\Antlr4\\Runtime\\TokenStream;
 use Antlr\\Antlr4\\Runtime\\Vocabulary;
 use Antlr\\Antlr4\\Runtime\\VocabularyImpl;
 use Antlr\\Antlr4\\Runtime\\RuntimeMetaData;
 use Antlr\\Antlr4\\Runtime\\Parser;
<if(namedActions.definitions)><namedActions.definitions><endif>

 final class <parser.name> extends <superClass; null="Parser">
 {
 <if(parser.tokens)>
 public const <parser.tokens:{k | <k> = <parser.tokens.(k)>}; separator=",
", wrap, anchor>;
 <endif>

 <if(parser.rules)>
 public const <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>;
 <endif>

 /**
  * @var array\<string>
```

```
 */
public const RULE_NAMES = [
 <parser.ruleNames:{r | '<r>'}; separator=", ", wrap, anchor>
];

<vocabulary(parser.literalNames, parser.symbolicNames)>

<atn>
protected static $atn;
protected static $decisionToDFA;
protected static $sharedContextCache;
<if(namedActions.members)>

<namedActions.members>
<endif>


<parser:(ctor)()>

private static function initialize() : void
{
if (self::$atn !== null) {
 return;
 }

 RuntimeMetaData::checkVersion('<file.ANTLRVersion>', RuntimeMetaData::VERSION);

 $atn = (new ATNDeserializer())->deserialize(self::SERIALIZED_ATN);

 $decisionToDFA = [];
 for ($i = 0, $count = $atn->getNumberOfDecisions(); $i \< $count; $i++) {
  $decisionToDFA[] = new DFA($atn->getDecisionState($i), $i);
 }

 self::$atn = $atn;
 self::$decisionToDFA
= $decisionToDFA;
 self::$sharedContextCache = new PredictionContextCache();
 }

public function getGrammarFileName() : string
{
 return "<parser.grammarFileName>";
 }

public function getRuleNames() : array
{
 return self::RULE_NAMES;
```

```
  }

  public function getSerializedATN() : string
  {
   return self::SERIALIZED_ATN;
  }

  public function getATN() : ATN
  {
   return self::$atn;
  }

  public function getVocabulary() : Vocabulary
     {
        static $vocabulary;

   return $vocabulary = $vocabulary ?? new VocabularyImpl(self::LITERAL_NAMES, self::SYMBOLIC_NAMES);
     }
<if(funcs)>

  <funcs; separator="\n\n">
<endif>
<if(sempredFuncs)>

  public function sempred(?RuleContext $localContext, int $ruleIndex, int $predicateIndex) : bool
  {
   switch ($ruleIndex) {
   <parser.sempredFuncs.values:{f|
  case <f.ruleIndex>:
   return $this->sempred<f.name; format="cap">($localContext, $predicateIndex);}; separator="\n\n">

    default:
     return
 true;
   }
  }

  <sempredFuncs.values; separator="\n\n">
<endif>
 }
}

namespace <if(file.genPackage)><file.genPackage>\\<endif>Context {
 use Antlr\\Antlr4\\Runtime\\ParserRuleContext;
 use Antlr\\Antlr4\\Runtime\\Token;
 use Antlr\\Antlr4\\Runtime\\Tree\\ParseTreeVisitor;
 use Antlr\\Antlr4\\Runtime\\Tree\\TerminalNode;
 use Antlr\\Antlr4\\Runtime\\Tree\\ParseTreeListener;
```

```
use <if(file.genPackage)><file.genPackage>\\<endif><parser.name>;
<if (file.genVisitor)>use <if(file.genPackage)><file.genPackage>\\<endif><file.grammarName>Visitor;<endif>
<if (file.genListener)>use <if(file.genPackage)><file.genPackage>\\<endif><file.grammarName>Listener;<endif>
<namedActions.contexts>

<funcs :{ func | <func.ruleCtx><if(func.altLabelCtxs)>

<func.altLabelCtxs:{l | <func.altLabelCtxs.(l)>}; separator="\n\n"><endif> }; separator="\n\n">
}
>>

vocabulary(literalNames, symbolicNames) ::= <<
/**
 * @var array\<string|null>
 */
private const LITERAL_NAMES = [
    <literalNames:{t
| <t>}; null="null", separator=", ", wrap, anchor>
];

/**
 * @var array\<string>
 */
private const SYMBOLIC_NAMES = [
    <symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
];
>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>

public function action(?RuleContext $localContext, int $ruleIndex, int $actionIndex) : void
{
 switch ($ruleIndex) {
 <recog.actionFuncs.values:{f|
 case <f.ruleIndex>:
  $this->action<f.name; format="cap">($localContext, $actionIndex);

  break;}; separator="\n\n">
 }
}

<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>

public function sempred(?RuleContext $localContext, int $ruleIndex, int $predicateIndex) : bool
{
 switch ($ruleIndex) {
```

```
<recog.sempredFuncs.values:{f|
  case <f.ruleIndex>:
      return $this->sempred<f.name; format="cap">($localContext, $predicateIndex);}; separator="\n\n">
 }

 return true;
}
<sempredFuncs.values; separator="\n\n">
<endif>
>>


parser_ctor(p) ::= <<
public
 function __construct(TokenStream $input)
{
 parent::__construct($input);

 self::initialize();

 $this->interp = new ParserATNSimulator($this, self::$atn, self::$decisionToDFA, self::$sharedContextCache);
}
>>


/**
 * This generates a private method since the actionIndex is generated, making
 * an overriding implementation impossible to maintain.
 */
RuleActionFunction(r, actions) ::= <<
private function action<r.name; format="cap">(?<r.ctxType> $localContext, int $actionIndex) : void
{
 switch ($actionIndex) {
 <actions:{index|
 case <index>:
 <actions.(index)>

 break;}; separator="\n\n">
 }
}
>>


/**
 * This generates a private method since the predicateIndex is generated, making
 * an overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
private function sempred<r.name; format="cap">(?Context\\<r.ctxType> $localContext, int $predicateIndex) : bool
{
 switch ($predicateIndex) {
```

```
<actions:{index|
  case <index>:
      return <actions.(index)>;};
separator="\n\n">
 }


 return true;
 }
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,exceptions,postamble)
::= <<
/**
* @throws RecognitionException
*/
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><endif>public function <currentRule.name>(<args;
separator=",">) : Context\\<currentRule.ctxType>
{
  $localContext = new Context\\<currentRule.ctxType>($this->ctx, $this->getState()<currentRule.args:{a | ,
$<a.name>}>);

  $this->enterRule($localContext, <currentRule.startState>, self::RULE_<currentRule.name>);
  <namedActions.init>
  <locals; separator="\n">

  try {
      <code>
      <postamble; separator="\n">
      <namedActions.after>
  }<if(exceptions)><exceptions; separator="\n"><else> catch (RecognitionException $exception) {
      $localContext->exception = $exception;
      $this->errorHandler->reportError($this, $exception);
      $this->errorHandler->recover($this, $exception);

  }<endif> finally {
      <finallyAction>
      $this->exitRule();
  }

  return $localContext;
}
>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamb
le) ::= <<
/**
* @throws RecognitionException
*/
```

```
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><endif>public function <currentRule.name>(<args;
separator=", ">) : Context\\<currentRule.ctxType>
{
 return $this->recursive<currentRule.name; format="cap">(0<currentRule.args:{a | , <a.name>}>);
}

/**
 * @throws RecognitionException
 */
private function recursive<currentRule.name; format="cap">(int $precedence<args:{a | , <a>}>) :
Context\\<currentRule.ctxType>
{
 $parentContext = $this->ctx;
 $parentState = $this->getState();
 $localContext = new Context\\<currentRule.ctxType>($this->ctx, $parentState<currentRule.args:{a | ,
<a.name>}>);
 $previousContext = $localContext;
 $startState = <currentRule.startState>;
 $this->enterRecursionRule($localContext, <currentRule.startState>,
 self::RULE_<currentRule.name>, $precedence);
 <namedActions.init>
 <locals; separator="\n">

 try {
 <code>
 <postamble; separator="\n">
 <namedActions.after>
 } catch (RecognitionException $exception) {
 $localContext->exception = $exception;
 $this->errorHandler->reportError($this, $exception);
 $this->errorHandler->recover($this, $exception);
 } finally {
 <finallyAction>
 $this->unrollRecursionContexts($parentContext);
 }

 return $localContext;
}
>>

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>$localContext = new
Context\\<currentOuterMostAltCodeBlock.altLabel; format="cap">Context($localContext);<endif>
$this->enterOuterAlt($localContext, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
```

```
<locals; separator="\n">
<preamble; separator="\n">
<ops;
 separator="\n">
>>


LL1AltBlock(choice, preamble, alts, error) ::= <<
$this->setState(<choice.stateNumber>);
$this->errorHandler->sync($this);
<if(choice.label)><labelref(choice.label)> = $this->input->LT(1);<endif>
<preamble; separator="\n">

switch ($this->input->LA(1)) {
  <choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n\n">

default:
 <error>
 }
>>


LL1OptionalBlock(choice, alts, error) ::= <<
$this->setState(<choice.stateNumber>);
$this->errorHandler->sync($this);

switch ($this->input->LA(1)) {
  <choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n\n">

default:
 break;
 }
>>


LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
$this->setState(<choice.stateNumber>);
$this->errorHandler->sync($this);
<preamble; separator="\n">

if (<expr>) {
 <alts; separator="\n">
 }
>>


LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
$this->setState(<choice.stateNumber>);
```

```
$this->errorHandler->sync($this);

<preamble;
 separator="\n">
while (<loopExpr>) {
 <alts; separator="\n">
 $this->setState(<choice.loopBackStateNumber>);
 $this->errorHandler->sync($this);
 <iteration>
}
>>

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
$this->setState(<choice.blockStartStateNumber>); <! alt block decision !>
$this->errorHandler->sync($this);

<preamble; separator="\n">
do {
 <alts; separator="\n">
 $this->setState(<choice.stateNumber>); <! loopback/exit decision !>
 $this->errorHandler->sync($this);
 <iteration>
} while (<loopExpr>);
>>

// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
$this->setState(<choice.stateNumber>);
$this->errorHandler->sync($this);
<if(choice.label)><labelref(choice.label)> = $this->input->LT(1);<endif>
<preamble; separator="\n">

switch ($this->getInterpreter()->adaptivePredict($this->input, <choice.decision>, $this->ctx)) {
 <alts:{alt |
case <i>:
   <alt>
break;}; separator="\n\n">
}
>>

OptionalBlock(choice,
 alts, error) ::= <<
$this->setState(<choice.stateNumber>);
$this->errorHandler->sync($this);

switch ($this->getInterpreter()->adaptivePredict($this->input, <choice.decision>, $this->ctx)) {
<alts:{alt |
```

```
  case <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
 break;}; separator="\n\n">
 }
 >>


 StarBlock(choice, alts, sync, iteration) ::= <<
 $this->setState(<choice.stateNumber>);
 $this->errorHandler->sync($this);


 $alt = $this->getInterpreter()->adaptivePredict($this->input, <choice.decision>, $this->ctx);


 while ($alt !== <choice.exitAlt> && $alt !== ATN::INVALID_ALT_NUMBER) {
 if ($alt === 1<if(!choice.ast.greedy)>+1<endif>) {
  <iteration>
  <alts> <! should only be one !>
  }


  $this->setState(<choice.loopBackStateNumber>);
  $this->errorHandler->sync($this);


  $alt = $this->getInterpreter()->adaptivePredict($this->input, <choice.decision>, $this->ctx);
 }
 >>


 PlusBlock(choice, alts, error) ::= <<
 $this->setState(<choice.blockStartStateNumber>); <! alt block
  decision !>
 $this->errorHandler->sync($this);


 $alt = 1<if(!choice.ast.greedy)>+1<endif>;


 do {
  switch ($alt) {
  <alts:{alt|
 case <i><if(!choice.ast.greedy)>+1<endif>:
  <alt>
  break;}; separator="\n\n">
  default:
   <error>
  }


  $this->setState(<choice.loopBackStateNumber>); <! loopback/exit decision !>
  $this->errorHandler->sync($this);


  $alt = $this->getInterpreter()->adaptivePredict($this->input, <choice.decision>, $this->ctx);
 } while ($alt !== <choice.exitAlt> && $alt !== ATN::INVALID_ALT_NUMBER);
 >>
```

Sync(s) ::= "sync(<s.expecting.name>);"

ThrowNoViableAlt(t) ::= "throw new NoViableAltException($this);"

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">
>>

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) === 0
>>

// produces smaller bytecode
 only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})> && ((1 \<\< <offsetShiftVar(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (1 \<\< <offsetShiftConst(ttype, bits.shift)>)}; separator=" | ">)) !== 0)
%>

isZero ::= [
"0":true,
default:false
]

offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>($<shiftAmount> - <offset>)<else>$<shiftAmount><endif>
%>
offsetShiftConst(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(self::<shiftAmount> - <offset>)<else>self::<shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | $<s.varName> === self::<ttype>}; separator=" || ">
%>

cases(ttypes) ::= <<
<ttypes:{t | case self::<t>:}; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
$this->setState(<r.stateNumber>);
<if(r.labels)><r.labels:{l | <labelref(l)> =
 }><endif>$this-><if(r.ast.options.p)>recursive<r.name;
format="cap"><else><r.name><endif>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif>

```
<argExprsChunks>);
>>


MatchToken(m) ::= <<
$this->setState(<m.stateNumber>);
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>$this->match(self::<m.name>);
>>


MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"


MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"


CommonSetStuff(m, expr, capture, invert) ::= <<
$this->setState(<m.stateNumber>);


<if(m.labels)><m.labels:{l | <labelref(l)> = }>$this->input->LT(1);<endif>
<capture>


if (<if(invert)>$<m.varName> \<= 0 || <else>!<endif>(<expr>)) {
    <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>$this->errorHandler->recoverInline($this);
} else {
 if ($this->input->LA(1) === Token::EOF) {
    $this->matchedEOF = true;
  }


 $this->errorHandler->reportMatch($this);
 $this->consume();
}
>>


Wildcard(w) ::= <<
$this->setState(<w.stateNumber>);
<if(w.labels)><w.labels:{l
 | <labelref(l)> = }><endif>$this->matchWildcard();
>>


// ACTION STUFF


Action(a, foo, chunks) ::= "<chunks>"


ArgAction(a, chunks) ::= "<chunks>"


SemPred(p, chunks, failChunks) ::= <<
$this->setState(<p.stateNumber>);


if (!(<chunks>)) {
  throw new FailedPredicateException($this, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
<p.msg><endif>);
```

```
}
>>

ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>

// lexer actions are not associated with model objects

LexerSkipCommand()  ::= "$this->skip();"
LexerMoreCommand()  ::= "$this->more();"
LexerPopModeCommand() ::= "$this->popMode();"

LexerTypeCommand(arg, grammar)     ::= "$this->type = <arg>;"
LexerChannelCommand(arg, grammar)   ::= "$this->channel = <arg>;"
LexerModeCommand(arg, grammar)     ::= "$this->mode = <arg>;"
LexerPushModeCommand(arg, grammar) ::= "$this->pushMode(<arg>);"

ActionText(t) ::= "<t.text>"
ActionTemplate(t)
 ::= "<t.st>"
ArgRef(a) ::= "$localContext-><a.name>"
LocalRef(a) ::= "$localContext-><a.name>"
RetValueRef(a) ::= "$localContext-><a.name>"
QRetValueRef(a) ::= "<ctx(a)>-><a.dict>-><a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>-><t.name>"
LabelRef(t) ::= "<ctx(t)>-><t.name>"
ListLabelRef(t) ::= "<ctx(t)>-><ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>-><s.name> = <rhsChunks>;"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(<ctx(t)>-><t.label> !== null ? <ctx(t)>-><t.label>->getText() : null)"
TokenPropertyRef_type(t) ::= "(<ctx(t)>-><t.label> !== null ? <ctx(t)>-><t.label>->getType() : 0)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>-><t.label> !== null ? <ctx(t)>-><t.label>->getLine() : 0)"
TokenPropertyRef_pos(t) ::= "(<ctx(t)>-><t.label> !== null ? <ctx(t)>-><t.label>->getCharPositionInLine() : 0)"
TokenPropertyRef_channel(t) ::= "(<ctx(t)>-><t.label>
 !== null ? <ctx(t)>-><t.label>->getChannel() : 0)"
TokenPropertyRef_index(t) ::= "(<ctx(t)>-><t.label> !== null ? <ctx(t)>-><t.label>->getTokenIndex() : 0)"
TokenPropertyRef_int(t) ::= "(<ctx(t)>-><t.label> !== null ? (int) <ctx(t)>-><t.label>->getText() : 0)"

RulePropertyRef_start(r) ::= "(<ctx(r)>-><r.label> !== null ? (<ctx(r)>-><r.label>->start) : null)"
RulePropertyRef_stop(r)  ::= "(<ctx(r)>-><r.label> !== null ? (<ctx(r)>-><r.label>->stop) : null)"
RulePropertyRef_text(r)  ::= "(<ctx(r)>-><r.label> !== null ? $this->input->getTextByTokens(<ctx(r)>-><r.label>-
```

```
>start, <ctx(r)>-><r.label>->stop) : null)"
RulePropertyRef_ctx(r)  ::= "<ctx(r)>-><r.label>"
RulePropertyRef_parser(r)::= "\$this"


ThisRulePropertyRef_start(r) ::= "$localContext->start"
ThisRulePropertyRef_stop(r)  ::= "$localContext->stop"
ThisRulePropertyRef_text(r)  ::= "$this->input->getTextByTokens($localContext->start, $this->input->LT(-1))"
ThisRulePropertyRef_ctx(r)  ::= "$localContext"
ThisRulePropertyRef_parser(r)::=
 "$this"


NonLocalAttrRef(s)        ::= "\$this->getInvokingContext(<s.ruleIndex>)-><s.name>"
SetNonLocalAttr(s, rhsChunks) ::= "\$this->getInvokingContext(<s.ruleIndex>)-><s.name> = <rhsChunks>;"


AddToLabelList(a) ::= "<ctx(a.label)>-><a.listName>[] = <labelref(a.label)>;"


TokenDecl(t) ::= "<TokenLabelType()> $<t.name>"
TokenTypeDecl(t) ::= ""
TokenListDecl(t) ::= "array $<t.name> = []"
RuleContextDecl(r) ::= "<r.ctxName> $<r.name>"
RuleContextListDecl(rdecl) ::= "array $<rdecl.name> = []"
AttributeDecl(d) ::= "<d.type> $<d.name><if(d.initValue)> = <d.initValue><endif>"


PropertiesDecl(struct) ::= <<
<if(struct.tokenListDecls)>
 <struct.tokenListDecls : {d | /**
* @var array\<Token>|null $<d.name>
*/
public $<d.name>;}; separator="\n\n">
<endif>
<if(struct.tokenDecls)>
<if(struct.tokenListDecls)>

<endif>
 <struct.tokenDecls : {d | /**
* @var <TokenLabelType()>|null $<d.name>
*/
public $<d.name>;}; separator="\n\n">
<endif>
<if(struct.ruleContextDecls)>
<if(struct.tokenListDecls
 || struct.tokenDecls)>

<endif>
 <struct.ruleContextDecls : {d | /**
* @var <d.ctxName>|null $<d.name>
*/
public $<d.name>;}; separator="\n\n">
```

```
<endif>
<if(struct.ruleContextListDecls)>
<if(struct.tokenListDecls || struct.tokenDecls || struct.ruleContextDecls)>

<endif>
 <struct.ruleContextListDecls : {d | /**
* @var array\<<d.ctxName>\>|null $<d.name>
*/
public $<d.name>;}; separator="\n\n">
<endif>
<if(struct.attributeDecls)>
<if(struct.tokenListDecls || struct.tokenDecls || struct.ruleContextDecls || struct.ruleContextListDecls)>

<endif>
 <struct.attributeDecls : {d | /**
* @var <d.type><if(!d.initValue)>|null<endif> $<d.name>
*/
public $<d.name><if(d.initValue)> = <d.initValue><endif>;}; separator="\n\n">
<endif>


>>


ContextTokenGetterDecl(t) ::= <<
public function <t.name>() : ?TerminalNode
{
   return $this->getToken(<parser.name>::<t.name>, 0);
}
>>


ContextTokenListGetterDecl(t)  ::= <<
>>


ContextTokenListIndexedGetterDecl(t)  ::= <<
/**
* @return
 array\<TerminalNode>|TerminalNode|null
*/
public function <t.name>(?int $index = null)
{
 if ($index === null) {
  return $this->getTokens(<parser.name>::<t.name>);
 }

   return $this->getToken(<parser.name>::<t.name>, $index);
}
>>


ContextRuleGetterDecl(r)      ::= <<
```

```
public function <r.name>() : ?<r.ctxName>
{
 return $this->getTypedRuleContext(<r.ctxName>::class, 0);
}
>>

ContextRuleListGetterDecl(r)   ::= <<
>>

ContextRuleListIndexedGetterDecl(r)   ::= <<
/**
* @return array\<<r.ctxName>\>|<r.ctxName>|null
*/
public function <r.name>(?int $index = null)
{
 if ($index === null) {
  return $this->getTypedRuleContexts(<r.ctxName>::class);
 }

  return $this->getTypedRuleContext(<r.ctxName>::class, $index);
}
>>

LexerRuleContext() ::= "RuleContext"

/**
* The rule context name is the rule followed by a suffix; e.g., r becomes rContext.
*/
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "<ruleName>"
ImplicitSetLabel(id)
 ::= "_tset<id>"
ListLabelName(label)    ::= "<label>"

CaptureNextToken(d) ::= "$<d.varName> = \$this->input->LT(1);"
CaptureNextTokenType(d) ::= "$<d.varName> = $this->input->LA(1);"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers) ::= <<
class <struct.name> extends
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)> implements
<interfaces; separator=", "><endif>
{
<PropertiesDecl(struct)>
 public function __construct(?ParserRuleContext $parent, ?int $invokingState = null<ctorAttrs:{a | , ?<a> = null}>)
 {
  parent::__construct($parent, $invokingState);
```

```
<if(struct.ctorAttrs)>

  <struct.ctorAttrs:{a | $this-><a.name> = $<a.name> ?? $this-><a.name>;}; separator="\n">
<endif>
 }

 public function getRuleIndex() : int
 {
    return <parser.name>::RULE_<struct.derivedFromName>;
  }
<if(getters)>

  <getters:{g | <g>}; separator="\n\n">
<endif>
<if(struct.provideCopyFrom)> <! don't need
 copy unless we have subclasses !>
 public function copyFrom(ParserRuleContext $context) : void
 {
 parent::copyFrom($context);

  <struct.attrs:{a | $this-><a.name> = $context-><a.name>;}; separator="\n">
 }
<endif>
<if(dispatchMethods)>

 <dispatchMethods; separator="\n\n">
<endif>
<if(extensionMembers)>

 <extensionMembers; separator="\n\n">
<endif>
 }
>>

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
class <struct.name> extends <struct.parentRule; format="cap">Context
{
<PropertiesDecl(struct)>
 public function __construct(<struct.parentRule; format="cap">Context $context)
 {
    parent::__construct($context);

    $this->copyFrom($context);
  }
<if(getters)>

  <getters:{g | <g>}; separator="\n\n">
<endif>
```

```
<if(dispatchMethods)>

 <dispatchMethods; separator="\n\n">
<endif>
}
>>


ListenerDispatchMethod(method) ::= <<
public function <if(method.isEnter)>enter<else>exit<endif>Rule(ParseTreeListener $listener) : void
{
 if ($listener instanceof <parser.grammarName>Listener)
 {
    $listener-><if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">($this);
  }
}
>>


VisitorDispatchMethod(method) ::= <<
public function accept(ParseTreeVisitor $visitor)
{
 if ($visitor instanceof <parser.grammarName>Visitor) {
    return $visitor->visit<struct.derivedFromName; format="cap">($this);
  }

 return $visitor->visitChildren($this);
}
>>


/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>$localContext-><endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "$localContext"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)  ::= "\$this->precpred(\$this->ctx, <opPrec>)"

recRuleSetReturnAction(src,name)   ::= "\$<name> = \$<src>-><name>;"

recRuleSetStopToken()             ::= "$this->ctx->stop = $this->input->LT(-1);"

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
$localContext
 = new Context\\<ctxName>Context($parentContext, $parentState);
<if(label)>
<if(isListLabel)>
$localContext-><label>[] = $previousContext;
<else>
```

```
$localContext-><label> = $previousContext;
<endif>
<endif>

$this->pushNewRecursionContext($localContext, $startState, self::RULE_<ruleName>);
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
$localContext = new Context\\<currentAltLabel; format="cap">Context(new Context\\<ruleName;
format="cap">Context($parentContext, $parentState));
<if(label)>
<if(isListLabel)>
$localContext-><label>[] = $previousContext;
<else>
$localContext-><label> = $previousContext;
<endif>
<endif>

$this->pushNewRecursionContext($localContext, $startState, self::RULE_<ruleName>);
>>

recRuleReplaceContext(ctxName) ::= <<
$localContext = new Context\\<ctxName>Context($localContext);
$this->ctx = $localContext;
$previousContext = $localContext;
>>

recRuleSetPrevCtx() ::= <<
if ($this->getParseListeners() !== null) {
    $this->triggerExitRuleEvent();
}

$previousContext
 = $localContext;
>>


LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
<lexer>
>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
namespace<if(lexerFile.genPackage)> <lexerFile.genPackage><endif> {
<if(namedActions.header)><namedActions.header><endif>
 use Antlr\\Antlr4\\Runtime\\Atn\\ATNDeserializer;
 use Antlr\\Antlr4\\Runtime\\Atn\\LexerATNSimulator;
 use Antlr\\Antlr4\\Runtime\\Lexer;
```

```
use Antlr\\Antlr4\\Runtime\\CharStream;
use Antlr\\Antlr4\\Runtime\\PredictionContexts\\PredictionContextCache;
use Antlr\\Antlr4\\Runtime\\RuleContext;
use Antlr\\Antlr4\\Runtime\\Atn\\ATN;
use Antlr\\Antlr4\\Runtime\\Dfa\\DFA;
use Antlr\\Antlr4\\Runtime\\Vocabulary;
use Antlr\\Antlr4\\Runtime\\RuntimeMetaData;
use Antlr\\Antlr4\\Runtime\\VocabularyImpl;
<if(namedActions.definitions)><namedActions.definitions><endif>

final class <lexer.name> extends <superClass; null="Lexer">
{
<if(lexer.tokens)>
public
const <lexer.tokens:{k | <k> = <lexer.tokens.(k)>}; separator=", ", wrap, anchor>;
<endif>

<if(lexer.channels)>
public const <lexer.channels:{c | <c> = <lexer.channels.(c)>}; separator=", ", wrap, anchor>;
<endif>

<if(rest(lexer.modes))>
public const <rest(lexer.modes):{m | <m>=<i>}; separator=", ", wrap, anchor>;
<endif>

/**
 * @var array\<string>
 */
public const CHANNEL_NAMES = [
  'DEFAULT_TOKEN_CHANNEL', 'HIDDEN'<if (lexer.channels)>, <lexer.channels:{c| '<c>'}; separator=", ",
wrap, anchor><endif>
];

/**
 * @var array\<string>
 */
public const MODE_NAMES = [
  <lexer.modes:{m| '<m>'}; separator=", ", wrap, anchor>
];

/**
 * @var array\<string>
 */
public const RULE_NAMES = [
  <lexer.ruleNames:{r | '<r>'}; separator=", ", wrap, anchor>
];

<vocabulary(lexer.literalNames, lexer.symbolicNames)>
```

```
 <atn>
 protected static $atn;
 protected static $decisionToDFA;
 protected static $sharedContextCache;
<if(namedActions.members)>

 <namedActions.members>
<endif>

 public
function __construct(CharStream $input)
 {
 parent::__construct($input);

 self::initialize();

 $this->interp = new LexerATNSimulator($this, self::$atn, self::$decisionToDFA, self::$sharedContextCache);
 }

 private static function initialize() : void
 {
 if (self::$atn !== null) {
  return;
 }

 RuntimeMetaData::checkVersion('<lexerFile.ANTLRVersion>', RuntimeMetaData::VERSION);

 $atn = (new ATNDeserializer())->deserialize(self::SERIALIZED_ATN);

 $decisionToDFA = [];
 for ($i = 0, $count = $atn->getNumberOfDecisions(); $i \< $count; $i++) {
  $decisionToDFA[] = new DFA($atn->getDecisionState($i), $i);
 }

 self::$atn = $atn;
 self::$decisionToDFA = $decisionToDFA;
 self::$sharedContextCache = new PredictionContextCache();
 }

 public static function vocabulary() : Vocabulary
 {
 static $vocabulary;

 return $vocabulary = $vocabulary ?? new VocabularyImpl(self::LITERAL_NAMES,
self::SYMBOLIC_NAMES);
 }
```

```
 public function getGrammarFileName() : string
 {
  return '<lexer.grammarFileName>';
 }

 public function getRuleNames() : array
 {
  return self::RULE_NAMES;
 }

 public function getSerializedATN() : string
 {
  return self::SERIALIZED_ATN;
 }

 /**
  * @return array\<string>
  */
 public function getChannelNames() : array
 {
  return self::CHANNEL_NAMES;
 }

 /**
  * @return array\<string>
  */
 public function getModeNames() : array
 {
  return self::MODE_NAMES;
 }

 public function getATN() : ATN
 {
  return self::$atn;
 }

 public function getVocabulary() : Vocabulary
 {
  return self::vocabulary();
 }
 <dumpActions(lexer, "", actionFuncs, sempredFuncs)>
 }
}
>>

SerializedATN(model) ::= <<
<if(rest(model.segments))>
/**
```

```
* @var string
*/
private const SERIALIZED_ATN =
 <model.segments:{segment| "<segment; wrap={" .<\n>"}>"}; separator=" .\n">;
<else>
/**
* @var string
*/
private const SERIALIZED_ATN
 =
 "<model.serialized; wrap={" .<\n>    "}>";
<endif>
>>


/**
* Using a type to init value map, try to init a type; if not in table
* must be an object, default value is `null`.
*/
initValue(typeName) ::= <<
<phpTypeInitMap.(typeName)>
>>


codeFileExtension() ::= ".php"
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/codegen/PHP/PHP.stg
No license file was found, but licenses were detected in source scan.

```
/** ANTLR tool checks output templates are compatible with tool code generation.
* For now, a simple string match used on x.y of x.y.z scheme.
* Must match Tool.VERSION during load to templates.
*
* REQUIRED.
*/

pythonTypeInitMap ::= [
 "bool":"False",
 "int":"0",
 "float":"0.0",
 "str":"",
 default:"None" // anything other
 than a primitive type is an object
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
# encoding: utf-8
from __future__ import print_function
from antlr4 import *
from io import StringIO
import sys

<namedActions.header>
<parser>

>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
<header>
```

```
# This class defines a complete listener for a parse tree produced by <file.parserName>.
class <file.grammarName>Listener(ParseTreeListener):

    <file.listenerNames:{lname |
# Enter a parse tree produced by <file.parserName>#<lname>.
def enter<lname; format="cap">(self, ctx):
    pass


# Exit a parse tree produced by <file.parserName>#<lname>.
def exit<lname; format="cap">(self, ctx):
    pass

}; separator="\n">

>>


VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName,
 file.ANTLRVersion)>
from antlr4 import *
<header>

# This class defines a complete generic visitor for a parse tree produced by <file.parserName>.

class <file.grammarName>Visitor(ParseTreeVisitor):

    <file.visitorNames:{lname |
# Visit a parse tree produced by <file.parserName>#<lname>.
def visit<lname; format="cap">(self, ctx):
    return self.visitChildren(ctx)

}; separator="\n">

>>


fileHeader(grammarFileName, ANTLRVersion) ::= <<
# Generated from <grammarFileName> by ANTLR <ANTLRVersion>
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<if(superClass)>
```

```
if __name__ is not None and "." in __name__:
    from .<superClass> import <superClass>
else:
    from <superClass> import <superClass>

<endif>
<atn>

class <parser.name> ( <if(superClass)><superClass><else>Parser<endif> ):

    grammarFileName = "<parser.grammarFileName>"

    atn = ATNDeserializer().deserialize(serializedATN())

    decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]

    sharedContextCache = PredictionContextCache()

    literalNames = [ <parser.literalNames:{t | u<t>}; null="u\"\<INVALID>\"", separator=", ", wrap, anchor> ]

    symbolicNames = [ <parser.symbolicNames:{t | u<t>}; null="u\"\<INVALID>\"", separator=", ", wrap, anchor> ]

    <if(parser.rules)>
    <parser.rules:{r | RULE_<r.name> = <r.index>}; separator="\n", wrap, anchor>
    <endif>

    ruleNames =  [ <parser.ruleNames:{r | u"<r>"}; separator=", ", wrap, anchor> ]

    EOF = <TokenLabelType()>.EOF
    <if(parser.tokens)>
    <parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator="\n", wrap, anchor>
    <endif>

    <parser:(ctor)()>

    <namedActions.members>

    <funcs; separator="\n">


<if(sempredFuncs)>
    def sempred(self, localctx, ruleIndex, predIndex):
        if self._predicates == None:
            self._predicates = dict()
<parser.sempredFuncs.values:{f
 |
        self._predicates[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n        ">
        pred = self._predicates.get(ruleIndex, None)
```

```
      if pred is None:
          raise Exception("No predicate with index:" + str(ruleIndex))
      else:
          return pred(localctx, predIndex)


  <sempredFuncs.values; separator="\n">
<endif>




>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
def action(self, localctx, ruleIndex, actionIndex):
  if self._actions is None:
      actions = dict()
<recog.actionFuncs.values:{f|
      actions[<f.ruleIndex>] = self.<f.name>_action }; separator="\n">
      self._actions = actions
  action = self._actions.get(ruleIndex, None)
  if action is not None:
      action(localctx, actionIndex)
  else:
      raise Exception("No registered action for:" + str(ruleIndex))

<actionFuncs.values; separator="\n">

<endif>
<if(sempredFuncs)>
def sempred(self, localctx, ruleIndex, predIndex):
   if self._predicates is None:
      preds = dict()
<recog.sempredFuncs.values:{f|
      preds[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n">
      self._predicates = preds
  pred = self._predicates.get(ruleIndex, None)
  if pred is not None:
      return pred(localctx, predIndex)
  else:
      raise Exception("No registered predicate for:" + str(ruleIndex))

<sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(p) ::= <<
def __init__(self, input, output=sys.stdout):
```

```
    super(<parser.name>, self).__init__(input, output=output)
    self.checkVersion("<file.ANTLRVersion>")
    self._interp = ParserATNSimulator(self, self.atn, self.decisionsToDFA, self.sharedContextCache)
    self._predicates = None

>>

/* This generates a private method since the actionIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleActionFunction(r, actions) ::= <<

def <r.name>_action(self, localctx , actionIndex):
<actions:{index|
<if(first(actions))>
    if actionIndex == <index>:
        <actions.(index)>
<elseif(rest(actions))>
  elif actionIndex == <index>:
        <actions.(index)>
<endif> }; separator="\n">
>>

/* This generates a private method since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
def <r.name>_sempred(self, localctx, predIndex):
    <actions:{index|
<if(first(actions))>
  if predIndex == <index>:
        return <actions.(index)>
<elseif(rest(actions))>
  elif predIndex == <index>:
        return <actions.(index)>
<endif> }; separator="\n">

>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<ruleCtx>

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

def <currentRule.name>(self<currentRule.args:{a | , <a.name>}>):
```

```
  localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, self.state<currentRule.args:{a | , <a.name>}>)
   self.enterRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>)
  <namedActions.init>
  <locals; separator="\n">
  try:
     <code>
     <postamble; separator="\n">
     <namedActions.after>
  <if(exceptions)>
  <exceptions; separator="\n">
  <else>
  except RecognitionException as re:
     localctx.exception = re
     self._errHandler.reportError(self, re)
     self._errHandler.recover(self, re)
  <endif>
  finally:
     <finallyAction>
     self.exitRule()
  return localctx

>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

def <currentRule.name>(self, _p=0<if(currentRule.args)>, <args:{a | , <a>}><endif>):
  _parentctx = self._ctx
  _parentState = self.state
  localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, _parentState<args:{a | , <a.name>}>)
  _prevctx
 = localctx
  _startState = <currentRule.startState>
  self.enterRecursionRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>, _p)
  <namedActions.init>
  <locals; separator="\n">
  try:
     <code>
     <postamble; separator="\n">
     <namedActions.after>
  except RecognitionException as re:
     localctx.exception = re
     self._errHandler.reportError(self, re)
     self._errHandler.recover(self, re)
```

```
    finally:
        <finallyAction>
        self.unrollRecursionContexts(_parentctx)
    return localctx

>>


CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>localctx = <parser.name>.<currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(self, localctx)<endif>
self.enterOuterAlt(localctx, <currentOuterMostAltCodeBlock.alt.altNum>)
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>


CodeBlockForAlt(currentAltCodeBlock, locals,
 preamble, ops) ::= <<
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>


LL1AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
token = self._input.LA(1)
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
  <alt>
  pass}; separator="\nel">
else:
  <error>

>>


LL1OptionalBlock(choice, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
token = self._input.LA(1)
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
  <alt>
  pass}; separator="\nel">
else:
  pass
>>


LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
self.state = <choice.stateNumber>
```

```
self._errHandler.sync(self)
<preamble; separator="\n">
if <expr>:
  <alts; separator="\n">

<!else if ( !(<followExpr>) ) <error>!>
>>


LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble,
 iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
while <loopExpr>:
  <alts; separator="\n">
  self.state = <choice.loopBackStateNumber>
  self._errHandler.sync(self)
  <iteration>

>>

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
<preamble; separator="\n">
while True:
  <alts; separator="\n">
  self.state = <choice.stateNumber> <! loopback/exit decision !>
  self._errHandler.sync(self)
  <iteration>
  if not (<loopExpr>):
    break

>>

// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i>:
  <alt>
  pass
```

```
}; separator="\nel">

>>

OptionalBlock(choice,
 alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i><if(!choice.ast.greedy)>+1<endif>:
   <alt>
}; separator="\nel">

>>

StarBlock(choice, alts, sync, iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
_alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
   if _alt==1<if(!choice.ast.greedy)>+1<endif>:
      <iteration>
      <alts> <! should only be one !>
   self.state = <choice.loopBackStateNumber>
   self._errHandler.sync(self)
   _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

PlusBlock(choice, alts, error) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
_alt = 1<if(!choice.ast.greedy)>+1<endif>
while _alt!=<choice.exitAlt>
 and _alt!=ATN.INVALID_ALT_NUMBER:
   <alts:{alt|
if _alt == <i><if(!choice.ast.greedy)>+1<endif>:
   <alt>
}; separator="\nel">
   else:
      <error>
   self.state = <choice.loopBackStateNumber> <! loopback/exit decision !>
   self._errHandler.sync(self)
   _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>
```

Sync(s) ::= "sync(<s.expecting.name>)"

ThrowNoViableAlt(t) ::= "raise NoViableAltException(self)"

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s, bits)><endif>}; separator=" or ">
>>

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})>)
 and ((1 \<\< <offsetShiftVar(s.varName, bits.shift)>) & (<bits.ttypes:{ttype | (1 \<\< <offsetShiftType(ttype, bits.shift)>)}; separator=" | ">)) != 0)
%>

isZero ::= [
"0":true,
default:false
]

offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

offsetShiftType(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<parser.name>.<shiftAmount> - <offset>)<else><parser.name>.<shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<parser.name>.<ttype>}; separator=" or ">
%>

cases(ttypes) ::= <<
if token in [<ttypes:{t | <parser.name>.<t>}; separator=", ">]:
>>

InvokeRule(r, argExprsChunks) ::= <<
self.state = <r.stateNumber>
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif>self.<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>)
>>

```
>>

MatchToken(m)
 ::= <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>self.match(<parser.name>.<m.name>)
>>


MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::= <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{l | <labelref(l)> = }>self._input.LT(1)<endif>
<capture>
<if(invert)>if <m.varName> \<= 0 or <expr><else>if not(<expr>)<endif>:
<if(m.labels)><m.labels:{l |    <labelref(l)> = }><else>    <endif>self._errHandler.recoverInline(self)
else:
   self._errHandler.reportMatch(self)
   self.consume()
>>


Wildcard(w) ::= <<
self.state = <w.stateNumber>
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>self.matchWildcard()
>>


// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
self.state = <p.stateNumber>
if not <chunks>:
    from antlr4.error.Errors import FailedPredicateException
    raise FailedPredicateException(self, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
<p.msg><endif>)
>>


ExceptionClause(e, catchArg, catchAction) ::= <<
except <catchArg>:
   <catchAction>
>>


// lexer actions are not associated with model objects
```

```
LexerSkipCommand()  ::= "skip()"
LexerMoreCommand()  ::= "more()"
LexerPopModeCommand() ::= "popMode()"


LexerTypeCommand(arg, grammar)      ::= "_type = <arg>"
LexerChannelCommand(arg, grammar)   ::= "_channel = <arg>"
LexerModeCommand(arg, grammar)      ::= "_mode = <arg>"
LexerPushModeCommand(arg, grammar)  ::= "pushMode(<arg>)"


ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a) ::= "localctx.<a.name>"
RetValueRef(a) ::= "localctx.<a.name>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t)
 ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"


TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"


TokenPropertyRef_text(t) ::= "(None if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.type)"
TokenPropertyRef_line(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t) ::= "(0 if <ctx(t)>.<t.label> is None else int(<ctx(t)>.<t.label>.text))"


RulePropertyRef_start(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r)
 ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r)  ::= "(None if <ctx(r)>.<r.label> is None else
self._input.getText(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop))"
RulePropertyRef_ctx(r)  ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r)  ::= "self"


ThisRulePropertyRef_start(r) ::= "localctx.start"
ThisRulePropertyRef_stop(r)  ::= "localctx.stop"
ThisRulePropertyRef_text(r)  ::= "self._input.getText(localctx.start, self._input.LT(-1))"
ThisRulePropertyRef_ctx(r)  ::= "localctx"
ThisRulePropertyRef_parser(r)  ::= "self"
```

NonLocalAttrRef(s)   ::= "self.getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::= "self.getInvokingContext(<s.ruleIndex>).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"

TokenDecl(t) ::= "self.<t.name> = None # <TokenLabelType()>"
TokenTypeDecl(t) ::= "self.<t.name> = 0 # <TokenLabelType()> type"
TokenListDecl(t)
 ::= "self.<t.name> = list() # of <TokenLabelType()>s"
RuleContextDecl(r) ::= "self.<r.name> = None # <r.ctxName>"
RuleContextListDecl(rdecl) ::= "self.<rdecl.name> = list() # of <rdecl.ctxName>s"

ContextTokenGetterDecl(t)   ::= <<
def <t.name>(self):
   return self.getToken(<parser.name>.<t.name>, 0)
>>

// should never be called
ContextTokenListGetterDecl(t) ::= <<
def <t.name>_list(self):
   return self.getTokens(<parser.name>.<t.name>)
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
def <t.name>(self, i=None):
   if i is None:
      return self.getTokens(<parser.name>.<t.name>)
   else:
      return self.getToken(<parser.name>.<t.name>, i)
>>

ContextRuleGetterDecl(r)   ::= <<
def <r.name>(self):
   return self.getTypedRuleContext(<parser.name>.<r.ctxName>,0)

>>

// should never be called
ContextRuleListGetterDecl(r)   ::= <<
def <r.name>_list(self):
   return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)

>>

ContextRuleListIndexedGetterDecl(r)
  ::= <<
def <r.name>(self, i=None):
   if i is None:

```
        return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)
    else:
        return self.getTypedRuleContext(<parser.name>.<r.ctxName>,i)

>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 *  r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)    ::= "_tset<id>"
ListLabelName(label)    ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = self._input.LA(1)"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers) ::= <<
class <struct.name>(<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif>):

    def __init__(self, parser, parent=None, invokingState=-1<struct.ctorAttrs:{a | , <a.name>=None}>):
        super(<parser.name>.<struct.name>,
 self).__init__(parent, invokingState)
        self.parser = parser
        <attrs:{a | <a>}; separator="\n">
        <struct.ctorAttrs:{a | self.<a.name> = <a.name>}; separator="\n">

    <getters:{g | <g>}; separator="\n\n">

    def getRuleIndex(self):
        return <parser.name>.RULE_<struct.derivedFromName>

<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
    def copyFrom(self, ctx):
        super(<parser.name>.<struct.name>, self).copyFrom(ctx)
        <struct.attrs:{a | self.<a.name> = ctx.<a.name>}; separator="\n">

<endif>
    <dispatchMethods; separator="\n">
    <extensionMembers; separator="\n">

>>

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
```

```
class <struct.name>(<currentRule.name; format="cap">Context):

    def __init__(self, parser, ctx): # actually a <parser.name>.<currentRule.name; format="cap">Context)
        super(<parser.name>.<struct.name>, self).__init__(parser)
        <attrs:{a | <a>}; separator="\n">
        self.copyFrom(ctx)

    <getters:{g | <g>}; separator="\n">

    <dispatchMethods; separator="\n">

>>

ListenerDispatchMethod(method) ::= <<
def <if(method.isEnter)>enter<else>exit<endif>Rule(self, listener):
    if hasattr(listener, "<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">"):
        listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(self)

>>

VisitorDispatchMethod(method) ::= <<
def accept(self, visitor):
    if hasattr(visitor, "visit<struct.derivedFromName; format="cap">"):
        return visitor.visit<struct.derivedFromName; format="cap">(self)
    else:
        return visitor.visitChildren(self)

>>

AttributeDecl(d) ::= "self.<d.name> = <if(d.initValue)><d.initValue><else>None<endif>"

/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk)
 ::= "localctx"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)  ::= "self.precpred(self._ctx, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>"
recRuleSetStopToken()              ::= "self._ctx.stop = self._input.LT(-1)"

recRuleAltStartAction(ruleName, ctxName, label) ::= <<
localctx = <parser.name>.<ctxName>Context(self, _parentctx, _parentState)
<if(label)>localctx.<label> = _prevctx<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>
```

```
recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
localctx = <parser.name>.<currentAltLabel; format="cap">Context(self, <parser.name>.<ruleName;
format="cap">Context(self, _parentctx, _parentState))
<if(label)>
<if(isListLabel)>
localctx.<label>.append(_prevctx)
<else>
localctx.<label> = _prevctx
<endif>
<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>


recRuleReplaceContext(ctxName) ::= <<
localctx
 = <parser.name>.<ctxName>Context(self, localctx)
self._ctx = localctx
_prevctx = localctx
>>

recRuleSetPrevCtx() ::= <<
if self._parseListeners is not None:
   self.triggerExitRuleEvent()
_prevctx = localctx
>>


LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
# encoding: utf-8
from __future__ import print_function
from antlr4 import *
from io import StringIO
import sys

<namedActions.header>

<lexer>
>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
<if(superClass)>
if __name__ is not None and "." in __name__:
   from .<superClass> import <superClass>
else:
   from <superClass> import <superClass>
```

```
<endif>

<atn>

class <lexer.name>(<if(superClass)><superClass><else>Lexer<endif>):

  atn = ATNDeserializer().deserialize(serializedATN())

  decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]

<if(lexer.channels)>
  <lexer.channels:{c| <c> = <lexer.channels.(c)>};
 separator="\n">

<endif>
<if(rest(lexer.modes))>
  <rest(lexer.modes):{m| <m> = <i>}; separator="\n">

<endif>
  <if(lexer.tokens)>
  <lexer.tokens:{k | <k> = <lexer.tokens.(k)>}; separator="\n", wrap, anchor>
  <endif>

  channelNames = [ u"DEFAULT_TOKEN_CHANNEL", u"HIDDEN"<if (lexer.channels)>, <lexer.channels:{c|
u"<c>"}; separator=", ", wrap, anchor><endif> ]

  modeNames = [ <lexer.modes:{m| u"<m>"}; separator=", ", wrap, anchor> ]

  literalNames = [ u"\<INVALID>",
      <lexer.literalNames:{t | u<t>}; separator=", ", wrap, anchor> ]

  symbolicNames = [ u"\<INVALID>",
      <lexer.symbolicNames:{t | u<t>}; separator=", ", wrap, anchor> ]

  ruleNames = [ <lexer.ruleNames:{r | u"<r>"}; separator=", ", wrap, anchor> ]

  grammarFileName = u"<lexer.grammarFileName>"

  def __init__(self, input=None, output=sys.stdout):
    super(<lexer.name>, self).__init__(input, output=output)
    self.checkVersion("<lexerFile.ANTLRVersion>")
    self._interp
 = LexerATNSimulator(self, self.atn, self.decisionsToDFA, PredictionContextCache())
    self._actions = None
    self._predicates = None

  <namedActions.members>
```

```
    <dumpActions(lexer, "", actionFuncs, sempredFuncs)>

>>

SerializedATN(model) ::= <<
<! only one segment, can be inlined !>

def serializedATN():
    with StringIO() as buf:
        buf.write(u"<model.serialized; wrap={")<\n>        buf.write(u"}>")
        return buf.getvalue()

>>

/** Using a type to init value map, try to init a type; if not in table
 *  must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<pythonTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".py"
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/codegen/Python2/Python2.stg
No license file was found, but licenses were detected in source scan.

NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ATNBuilder.java
No license file was found, but licenses were detected in source scan.

/*
* Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.
* Use of this file is governed by the BSD 3-clause license that
* can be found in the LICENSE.txt file in the project root.
*/

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/AttributeResolver.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/target/JavaScriptTarget.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/analysis/LeftRecursionDetector.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/ArgRef.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/RuleRefAST.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/TokenDecl.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_int.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/SemPred.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/RuleElementAST.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ToolMessage.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_parser.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_index.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/target/SwiftTarget.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/GrammarASTWithOptions.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/LabelType.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ScopeParser.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-

jar/org/antlr/v4/semantics/SymbolCollector.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/ContextRuleListIndexedGetterDecl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/RuleFunction.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/semantics/RuleCollector.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/LabeledOp.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/Wildcard.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/automata/LexerATNFactory.java

*

 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/ContextRuleListGetterDecl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/VisitorDispatchMethod.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/RangeAST.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/v3TreeGrammarException.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/OptionalBlock.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/ThrowEarlyExitException.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/analysis/LeftRecursiveRuleTransformer.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ErrorManager.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/AltLabelStructDecl.java

*

 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/GrammarInterpreterRuleContext.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/ActionText.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/BuildDependencyGenerator.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/automata/ATNVisitor.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/RuleContextDecl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/NonLocalAttrRef.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/gui/PostScriptDocument.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/OutputModelFactory.java

*

/opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ANTLRToolListener.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/CodeGenPipeline.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/RuleElement.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/Alternative.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/Target.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/AltBlock.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/LL1Choice.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/automata/TailEpsilonRemover.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/semantics/BlankActionSplitterListener.java

*

/opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/analysis/LeftRecursiveRuleAltInfo.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/AttributeDict.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/target/Python2Target.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/ArgAction.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_line.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_stop.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_text.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/PredAST.java

*

/opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/GrammarSyntaxMessage.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/OutputModelWalker.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/GrammarASTVisitor.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/DefaultToolListener.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/ActionTemplate.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/ElementListDecl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/Choice.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/ListLabelRef.java

*

/opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/UnicodeEscapes.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/RuleActionFunction.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/MatchToken.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/LocalRef.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_ctx.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/CaptureNextTokenType.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/OutputFile.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/LL1OptionalBlockSingleAlt.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_stop.java
*
 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/AddToLabelList.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/AltAST.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/MatchSet.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ToolANTLRLexer.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/GrammarToken.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/BaseListenerFile.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/gui/TreeLayoutAdaptor.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/gui/SystemFontMetrics.java
*
 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/Tool.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/ModelElement.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/BaseVisitorFile.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/target/CSharpTarget.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_ctx.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ResyncToEndOfRuleBlock.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/GrammarTransformPipeline.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/RuleAST.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-

jar/org/antlr/v4/misc/EscapeSequenceParsing.java

*

 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/LabelElementPair.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_pos.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/ParserFile.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/automata/ATNOptimizer.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/semantics/SymbolChecks.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/MatchNotSet.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_type.java

*

 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/ContextTokenListGetterDecl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/gui/BasicFontMetrics.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/ParserFactory.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ToolANTLRParser.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ErrorType.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/QuantifierAST.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/Lexer.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/LL1Loop.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/BlankOutputModelFactory.java

*

 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/misc/MutableInt.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/ThrowRecognitionException.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/target/JavaTarget.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/GrammarParserInterpreter.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_text.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_channel.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/Decl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/SerializedATN.java

*

/opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/LabelRef.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/DOTGenerator.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/automata/ATNFactory.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/ActionAST.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/gui/TreePostScriptGenerator.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/NotAST.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/gui/JFileChooserConfirmOverwrite.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/ExceptionClause.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/semantics/BasicSemanticChecks.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/LexerFactory.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/RuleSempredFunction.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/CodeBlockForOuterMostAlt.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/InvokeRule.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/TokenVocabParser.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/OutputModelObject.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/CodeBlockForAlt.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/semantics/ActionSniffer.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/ContextTokenListIndexedGetterDecl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ActionSplitterListener.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/Loop.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/PlusBlock.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/ContextGetterDecl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/Attribute.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_start.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/v4ParserException.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/analysis/AnalysisPipeline.java

*

/opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/StructDecl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/QRetValueRef.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/SrcOp.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/Rule.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/semantics/UseDefAnalyzer.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/TokenListDecl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/unicode/UnicodeDataTemplateController.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/ListenerDispatchMethod.java

*

 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/SetNonLocalAttr.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/semantics/SemanticPipeline.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/gui/TreeViewer.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/CodeGeneratorExtension.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/CaptureNextToken.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/ThrowNoViableAlt.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ErrorSeverity.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/LeftRecursionCyclesMessage.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/DispatchMethod.java

*

 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/target/Python3Target.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/LexerFile.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/LL1AltBlock.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_parser.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/dbg.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/Recognizer.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/target/DartTarget.java

*

/opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/SetAST.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/LeftRecursiveRule.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/RetValueRef.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/gui/TestRig.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/Action.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/DefaultOutputModelFactory.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/Sync.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/misc/CharSupport.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/ContextRuleGetterDecl.java

*

 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/OutputModelController.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/automata/ATNPrinter.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/LeftRecursiveRuleFunction.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/ListenerFile.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/StarBlockAST.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/misc/Graph.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/TokenTypeDecl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/semantics/AttributeChecks.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/ElementFrequenciesVisitor.java

*

 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/RuleContextListDecl.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/OptionalBlockAST.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/GrammarSemanticsMessage.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/ActionChunk.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/ActionTranslator.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_text.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/CodeGenerator.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/analysis/LeftRecursiveRuleAnalyzer.java

*

 /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/LL1PlusBlockSingleAlt.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/VisitorFile.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/PlusBlockAST.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/GrammarRootAST.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/GrammarASTAdaptor.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/gui/Trees.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/gui/TreeTextProvider.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/target/CppTarget.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/SetAttr.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/TerminalAST.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/misc/Utils.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/target/GoTarget.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/CodeBlock.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/StarBlock.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/ContextTokenGetterDecl.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/decl/AttributeDecl.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_start.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/automata/ParserATNFactory.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/Parser.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/chunk/TokenRef.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/misc/OrderedHashMap.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ANTLRMessage.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/target/PHPTarget.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/misc/FrequencySet.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/LexerGrammar.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/Grammar.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/BlockAST.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/GrammarASTErrorNode.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/LL1StarBlockSingleAlt.java
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-

jar/org/antlr/v4/codegen/model/LL1OptionalBlock.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/ast/GrammarAST.java

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/codegen/model/TestSetInline.java

No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 *  Copyright (c) 2012-2016 Terence Parr
 *  Copyright (c) 2012-2016 Sam Harwell
 *  All rights reserved.
 *
 *  Redistribution and use in source and binary forms, with or without
 *  modification, are permitted provided that the following conditions
 *  are met:
 *
 *  1. Redistributions of source code must retain the above copyright
 *     notice, this list of conditions and the following disclaimer.
 *  2. Redistributions in binary form must reproduce the above copyright
 *     notice, this list of conditions and the following disclaimer in the
 *     documentation and/or other materials provided with the distribution.
 *  3. The name of the author may not be used to endorse or promote products
 *     derived from this software without specific prior written permission.
 *
 *  THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 *  IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
 *  OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 *  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 *  INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 *  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

tree grammar SourceGenTriggers;
options {
 language     = Java;
 tokenVocab   = ANTLRParser;
 ASTLabelType = GrammarAST;
}

@header {
package org.antlr.v4.codegen;
import org.antlr.v4.misc.Utils;
import org.antlr.v4.codegen.model.*;
```

```
import org.antlr.v4.codegen.model.decl.*;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.util.Collections;
import
 java.util.Map;
import java.util.HashMap;
}

@members {
 public OutputModelController controller;
   public boolean hasLookaheadBlock;
   public SourceGenTriggers(TreeNodeStream input, OutputModelController controller) {
    this(input);
    this.controller = controller;
   }
}

dummy : block[null, null] ;

block[GrammarAST label, GrammarAST ebnfRoot] returns [List<? extends SrcOp> omos]
  : ^( blk=BLOCK (^(OPTIONS .+))?
   {List<CodeBlockForAlt> alts = new ArrayList<CodeBlockForAlt>();}
    ( alternative {alts.add($alternative.altCodeBlock);} )+
   )
   {
   if ( alts.size()==1 && ebnfRoot==null) return alts;
   if ( ebnfRoot==null ) {
      $omos = DefaultOutputModelFactory.list(controller.getChoiceBlock((BlockAST)$blk, alts, $label));
   }
   else {
       Choice choice = controller.getEBNFBlock($ebnfRoot, alts);
       hasLookaheadBlock |= choice instanceof PlusBlock || choice instanceof StarBlock;
      $omos = DefaultOutputModelFactory.list(choice);
    }
   }
  ;

alternative returns [CodeBlockForAlt altCodeBlock, List<SrcOp> ops]
@init {
  boolean outerMost = inContext("RULE BLOCK");
}
@after {
  controller.finishAlternative($altCodeBlock, $ops, outerMost);
}
  : a=alt[outerMost] {$altCodeBlock=$a.altCodeBlock; $ops=$a.ops;}
 ;
```

```
alt[boolean outerMost] returns [CodeBlockForAlt altCodeBlock, List<SrcOp> ops]
@init {
// set alt if outer ALT only (the only ones with alt field set to Alternative object)
AltAST altAST = (AltAST)retval.start;
if ( outerMost ) controller.setCurrentOuterMostAlt(altAST.alt);
}
: {
List<SrcOp> elems = new ArrayList<SrcOp>();
// TODO: shouldn't we pass $start to controller.alternative()?
$altCodeBlock = controller.alternative(controller.getCurrentOuterMostAlt(), outerMost);
$altCodeBlock.ops = $ops = elems;
controller.setCurrentBlock($altCodeBlock);
}
^( ALT elementOptions? ( element {if ($element.omos!=null) elems.addAll($element.omos);} )+ )

| ^(ALT elementOptions?
EPSILON)
    {$altCodeBlock = controller.epsilon(controller.getCurrentOuterMostAlt(), outerMost);}
;

element returns [List<? extends SrcOp> omos]
: labeledElement     {$omos = $labeledElement.omos;}
| atom[null,false]   {$omos = $atom.omos;}
| subrule        {$omos = $subrule.omos;}
|  ACTION       {$omos = controller.action((ActionAST)$ACTION);}
|  SEMPRED       {$omos = controller.sempred((ActionAST)$SEMPRED);}
| ^(ACTION elementOptions)  {$omos = controller.action((ActionAST)$ACTION);}
|  ^(SEMPRED elementOptions)  {$omos = controller.sempred((ActionAST)$SEMPRED);}
;

labeledElement returns [List<? extends SrcOp> omos]
: ^(ASSIGN ID atom[$ID,false] )   {$omos = $atom.omos;}
| ^(PLUS_ASSIGN ID atom[$ID,false])  {$omos = $atom.omos;}
| ^(ASSIGN ID block[$ID,null] )   {$omos = $block.omos;}
| ^(PLUS_ASSIGN ID block[$ID,null])  {$omos = $block.omos;}
;

subrule returns [List<? extends SrcOp> omos]
: ^(OPTIONAL b=block[null,$OPTIONAL])
{
$omos = $block.omos;
}
| ( ^(op=CLOSURE
b=block[null,null])
| ^(op=POSITIVE_CLOSURE b=block[null,null])
)
{
List<CodeBlockForAlt> alts = new ArrayList<CodeBlockForAlt>();
```

```
    SrcOp blk = $b.omos.get(0);
    CodeBlockForAlt alt = new CodeBlockForAlt(controller.delegate);
    alt.addOp(blk);
    alts.add(alt);
    SrcOp loop = controller.getEBNFBlock($op, alts); // "star it"
        hasLookaheadBlock |= loop instanceof PlusBlock || loop instanceof StarBlock;
        $omos = DefaultOutputModelFactory.list(loop);
    }
| block[null, null]     {$omos = $block.omos;}
    ;


blockSet[GrammarAST label, boolean invert] returns [List<SrcOp> omos]
    : ^(SET atom[label,invert]+) {$omos = controller.set($SET, $label, invert);}
    ;


/*
setElement
    : STRING_LITERAL
    | TOKEN_REF
    | ^(RANGE STRING_LITERAL STRING_LITERAL)
    ;
*/


// TODO: combine ROOT/BANG into one then just make new op ref'ing return value of atom/terminal...
// TODO: same for NOT
atom[GrammarAST label, boolean invert] returns [List<SrcOp> omos]
    : ^(NOT
    a=atom[$label, true]) {$omos = $a.omos;}
    | range[label]        {$omos = $range.omos;}
    | ^(DOT ID terminal[$label])
    | ^(DOT ID ruleref[$label])
      | ^(WILDCARD .)      {$omos = controller.wildcard($WILDCARD, $label);}
      | WILDCARD        {$omos = controller.wildcard($WILDCARD, $label);}
      |  terminal[label]     {$omos = $terminal.omos;}
      |  ruleref[label]     {$omos = $ruleref.omos;}
    | blockSet[$label, invert]  {$omos = $blockSet.omos;}
    ;


ruleref[GrammarAST label] returns [List<SrcOp> omos]
    : ^(RULE_REF ARG_ACTION? elementOptions?) {$omos = controller.ruleRef($RULE_REF, $label,
$ARG_ACTION);}
    ;


range[GrammarAST label] returns [List<SrcOp> omos]
    : ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
    ;


terminal[GrammarAST label] returns [List<SrcOp> omos]
```

```
  : ^(STRING_LITERAL .)   {$omos = controller.stringRef($STRING_LITERAL, $label);}
  | STRING_LITERAL    {$omos = controller.stringRef($STRING_LITERAL, $label);}
  | ^(TOKEN_REF ARG_ACTION .) {$omos =
 controller.tokenRef($TOKEN_REF, $label, $ARG_ACTION);}
  | ^(TOKEN_REF .)   {$omos = controller.tokenRef($TOKEN_REF, $label, null);}
  | TOKEN_REF    {$omos = controller.tokenRef($TOKEN_REF, $label, null);}
  ;

elementOptions
  : ^(ELEMENT_OPTIONS elementOption+)
  ;

elementOption
  : ID
  |  ^(ASSIGN ID ID)
  |  ^(ASSIGN ID STRING_LITERAL)
  |  ^(ASSIGN ID ACTION)
  |  ^(ASSIGN ID INT)
  ;
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/codegen/SourceGenTriggers.g
No license file was found, but licenses were detected in source scan.

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
/*
This file contains the actual layout of the messages emitted by ANTLR.
The text itself is coming out of the languages/*stg files, according to the chosen locale.
This file contains the format that mimicks GCC output.
*/

location(file, line, column) ::= "<file>:<line>:<column>:"

message(id, text) ::= "<text> [error <id>]"

report(location, message, type) ::= "<location> <type>: <message>"

wantsSingleLineMessage() ::= "true"

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/messages/formats/gnu.stg
No license file was found, but licenses were detected in source scan.

/*
* [The "BSD license"]
* Copyright (c) 2012-2016 Terence Parr
* Copyright (c) 2012-2016 Sam Harwell
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

```
tree grammar ATNBuilder;
options {
 language     = Java;
 tokenVocab   = ANTLRParser;
 ASTLabelType = GrammarAST;
// filter      = true;
}


// Include the copyright in this source and also the generated source
@header {
/*
[The "BSD license"]
Copyright (c) 2010 Terence Parr
All rights reserved.
Redistribution and use in source and binary forms, with or without
 modification, are permitted provided that the following conditions
are met:
1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
   derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
 USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import org.antlr.v4.automata.ATNFactory;
}
```

```
@members {
  ATNFactory factory;
  public ATNBuilder(TreeNodeStream input, ATNFactory factory) {
   this(input);
   this.factory = factory;
  }
}

dummy : block[null] ; // avoid error about no start rule

ruleBlock[GrammarAST ebnfRoot] returns [ATNFactory.Handle p]
@init {
  List<ATNFactory.Handle> alts = new ArrayList<ATNFactory.Handle>();
  int alt = 1;
  factory.setCurrentOuterAlt(alt);
}
  : ^(BLOCK
       (^(OPTIONS .*))?
       (  a=alternative
          {alts.add($a.p); factory.setCurrentOuterAlt(++alt);}
       )+
     )
    {$p = factory.block((BlockAST)$BLOCK, ebnfRoot, alts);}
  ;

block[GrammarAST ebnfRoot] returns [ATNFactory.Handle p]
@init {List<ATNFactory.Handle> alts = new ArrayList<ATNFactory.Handle>();}
  : ^(BLOCK (^(OPTIONS .*))? (a=alternative {alts.add($a.p);})+)
    {$p = factory.block((BlockAST)$BLOCK, ebnfRoot, alts);}
  ;

alternative returns [ATNFactory.Handle p]
@init {List<ATNFactory.Handle> els = new ArrayList<ATNFactory.Handle>();}
  : ^(LEXER_ALT_ACTION a=alternative lexerCommands)
     {$p = factory.lexerAltCommands($a.p,$lexerCommands.p);}
  | ^(ALT elementOptions? EPSILON)      {$p = factory.epsilon($EPSILON);}
  | ^(ALT elementOptions? (e=element {els.add($e.p);})+) {$p = factory.alt(els);}
  ;

lexerCommands returns [ATNFactory.Handle p]
@init {List<ATNFactory.Handle> cmds = new ArrayList<ATNFactory.Handle>();}
  : (c=lexerCommand {if ($c.cmd != null) cmds.add($c.cmd);})+
    {
    $p = factory.alt(cmds);
    }
  ;

lexerCommand returns
```

```
[ATNFactory.Handle cmd]
: ^(LEXER_ACTION_CALL ID lexerCommandExpr)
    {$cmd = factory.lexerCallCommand($ID, $lexerCommandExpr.start);}
| ID
    {$cmd = factory.lexerCommand($ID);}
;


lexerCommandExpr
: ID
| INT
;


element returns [ATNFactory.Handle p]
: labeledElement    {$p = $labeledElement.p;}
| atom        {$p = $atom.p;}
| subrule      {$p = $subrule.p;}
|  ACTION      {$p = factory.action((ActionAST)$ACTION);}
|  SEMPRED     {$p = factory.sempred((PredAST)$SEMPRED);}
|  ^(ACTION .)     {$p = factory.action((ActionAST)$ACTION);}
|  ^(SEMPRED .)    {$p = factory.sempred((PredAST)$SEMPRED);}
  | ^(NOT b=blockSet[true])  {$p = $b.p;}
   | LEXER_CHAR_SET    {$p = factory.charSetLiteral($start);}
;


astOperand returns [ATNFactory.Handle p]
: atom      {$p = $atom.p;}
| ^(NOT blockSet[true])  {$p = $blockSet.p;}
;


labeledElement returns [ATNFactory.Handle p]
: ^(ASSIGN ID element)     {$p = factory.label($element.p);}
| ^(PLUS_ASSIGN ID element)
 {$p = factory.listLabel($element.p);}
;


subrule returns [ATNFactory.Handle p]
: ^(OPTIONAL block[$start])   {$p = $block.p;}
| ^(CLOSURE block[$start])   {$p = $block.p;}
| ^(POSITIVE_CLOSURE block[$start]) {$p = $block.p;}
|  block[null]      {$p = $block.p;}
  ;


blockSet[boolean invert] returns [ATNFactory.Handle p]
@init {List<GrammarAST> alts = new ArrayList<GrammarAST>();}
: ^(SET (setElement {alts.add($setElement.start);})+) {$p = factory.set($start, alts, $invert);}
;

/** Don't combine with atom otherwise it will build spurious ATN nodes */
```

```
setElement
 : ^(STRING_LITERAL .)
 | ^(TOKEN_REF .)
 | STRING_LITERAL
 | TOKEN_REF
 | ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
  |  LEXER_CHAR_SET
 ;

atom returns [ATNFactory.Handle p]
 : range     {$p = $range.p;}
 | ^(DOT ID terminal)  {$p = $terminal.p;}
 | ^(DOT ID ruleref)  {$p = $ruleref.p;}
  | ^(WILDCARD .)   {$p = factory.wildcard($start);}
  | WILDCARD     {$p = factory.wildcard($start);}
  | blockSet[false]   {$p
 = $blockSet.p;}
  |  terminal     {$p = $terminal.p;}
  |  ruleref     {$p = $ruleref.p;}
  ;

ruleref returns [ATNFactory.Handle p]
  : ^(RULE_REF ARG_ACTION? ^(ELEMENT_OPTIONS .*))  {$p = factory.ruleRef($RULE_REF);}
  | ^(RULE_REF ARG_ACTION?)      {$p = factory.ruleRef($RULE_REF);}
  | RULE_REF       {$p = factory.ruleRef($RULE_REF);}
  ;

range returns [ATNFactory.Handle p]
  : ^(RANGE a=STRING_LITERAL b=STRING_LITERAL) {$p = factory.range($a,$b);}
  ;

terminal returns [ATNFactory.Handle p]
  : ^(STRING_LITERAL .)   {$p = factory.stringLiteral((TerminalAST)$start);}
  | STRING_LITERAL    {$p = factory.stringLiteral((TerminalAST)$start);}
  | ^(TOKEN_REF ARG_ACTION .) {$p = factory.tokenRef((TerminalAST)$start);}
  | ^(TOKEN_REF .)    {$p = factory.tokenRef((TerminalAST)$start);}
  | TOKEN_REF     {$p = factory.tokenRef((TerminalAST)$start);}
  ;

elementOptions
 : ^(ELEMENT_OPTIONS elementOption*)
 ;

elementOption
 : ID
 | ^(ASSIGN ID
 ID)
 | ^(ASSIGN ID STRING_LITERAL)
```

```
| ^(ASSIGN ID ACTION)
| ^(ASSIGN ID INT)
;
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ATNBuilder.g
No license file was found, but licenses were detected in source scan.

```
/*
* [The "BSD license"]
*  Copyright (c) 2012-2016 Terence Parr
*  Copyright (c) 2012-2016 Sam Harwell
*  All rights reserved.
*
*  Redistribution and use in source and binary forms, with or without
*  modification, are permitted provided that the following conditions
*  are met:
*
*  1. Redistributions of source code must retain the above copyright
*     notice, this list of conditions and the following disclaimer.
*  2. Redistributions in binary form must reproduce the above copyright
*     notice, this list of conditions and the following disclaimer in the
*     documentation and/or other materials provided with the distribution.
*  3. The name of the author may not be used to endorse or promote products
*     derived from this software without specific prior written permission.
*
*  THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
*  IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
*  OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
*  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
*  INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
*  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
*  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
*  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
*  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
*  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

/** templates used to generate make-compatible dependencies */

/** Generate "f : x, y, z" dependencies for input
* dependencies and generated files. in and out
* are File objects.  For example, you can say
* <f.canonicalPath>
*/
dependencies(grammarFileName,in,out) ::= <<
<if(in)><grammarFileName>: <in; separator=", "><endif>
```

```
<out:{f | <f> : <grammarFileName>};
 separator="\n">
>>
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/tool/templates/depend.stg
No license file was found, but licenses were detected in source scan.

```
/*
 * [The "BSD license"]
 *  Copyright (c) 2012-2016 Terence Parr
 *  Copyright (c) 2012-2016 Sam Harwell
 *  All rights reserved.
 *
 *  Redistribution and use in source and binary forms, with or without
 *  modification, are permitted provided that the following conditions
 *  are met:
 *
 *  1. Redistributions of source code must retain the above copyright
 *     notice, this list of conditions and the following disclaimer.
 *  2. Redistributions in binary form must reproduce the above copyright
 *     notice, this list of conditions and the following disclaimer in the
 *     documentation and/or other materials provided with the distribution.
 *  3. The name of the author may not be used to endorse or promote products
 *     derived from this software without specific prior written permission.
 *
 *  THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
 *  IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 *  TO, THE IMPLIED WARRANTIES
 *  OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
 *  IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
 *  INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 *  NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 *  DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 *  THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 *  (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 *  THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

atn(startState, states, edges, rankdir, decisionRanks, useBox) ::= <<
digraph ATN {
rankdir=LR;
<decisionRanks; separator="\n">
<states; separator="\n">
<edges; separator="\n">
}
>>
```

```
dfa(name, startState, states, edges, rankdir, decisionRanks, useBox) ::= <<
digraph <name>  {
<if(rankdir)>rankdir=<rankdir>;<endif>
<decisionRanks; separator="\n">
<states; separator="\n">
<edges;
 separator="\n">
}
>>


decision-rank(states) ::= <<
{rank=same; rankdir=TB; <states:{s | s<s>}; separator="; ">}
>>


edge(src,target,label,arrowhead,transitionIndex) ::= <<
<src><if(transitionIndex)>:p<transitionIndex><endif> -> <target> [fontsize=11, fontname="Courier", arrowsize=.7,
label = "<label>"<if(arrowhead)>, arrowhead = <arrowhead><endif>];
>>


action-edge(src,target,label,arrowhead,transitionIndex) ::= <<
<src><if(transitionIndex)>:p<transitionIndex><endif> -> <target> [fontsize=11, fontname="Courier", arrowsize=.7,
label = "<label>"<if(arrowhead)>, arrowhead = <arrowhead><endif>];
>>


epsilon-edge(src,label,target,arrowhead,transitionIndex,loopback=false) ::= <<
<src><if(transitionIndex)>:p<transitionIndex><endif> -> <target> [fontname="Times-Italic",
label="&epsilon;"<if(loopback)>, style="dashed"<endif>];
>>


state(state, label, name, transitions) ::= <%
<name>[fontsize=11,
  label="
    <! rest(transition) tests for decision states: these nodes have a non-empty
 set of transitions after the first one. !>
    <if(rest(transitions))>
      {
      <! Label on the left side of the record node. !>
      <label>
      |
      <! Named ports in order on right side of record node, no display text. !>
      {<transitions:{t|\<p<i0>>}; separator="|">}}
    <else>
      <label>
    <endif>
    "
  <if(rest(transitions))>
    , shape=record, fixedsize=false
  <else>
```

```
    , shape=circle, fixedsize=true, width=.55
  <endif>
  , peripheries=1];
%>


stopstate(name,label,actionIndex,useBox) ::= <<
<name>[fontsize=11, label="<label><if(actionIndex)>,\naction:<actionIndex><endif>",
<if(useBox)>shape=polygon,sides=4,peripheries=2,fixedsize=false<else>shape=doublecircle, fixedsize=true,
width=.6<endif>];
>>
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/dot/graphs.stg
No license file was found, but licenses were detected in source scan.

```
javaTypeInitMap ::= [
```

```
 "int":"0",
 "long":"0",
 "float":"0.0f",
 "double":"0.0",
 "boolean":"false",
 "byte":"0",
 "short":"0",
 "char":"0",
 default:"null" // anything other than a primitive type is an object
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName,
 file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<namedActions.header>
import org.antlr.v4.runtime.atn.*;
import org.antlr.v4.runtime.dfa.DFA;
import org.antlr.v4.runtime.*;
import org.antlr.v4.runtime.misc.*;
import org.antlr.v4.runtime.tree.*;
import java.util.List;
import java.util.Iterator;
import java.util.ArrayList;

<parser>
>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>
import org.antlr.v4.runtime.tree.ParseTreeListener;

/**
 * This interface defines a complete listener for a parse tree produced by
 * {@link <file.parserName>}.
 */
public interface <file.grammarName>Listener extends ParseTreeListener {
 <file.listenerNames:{lname |
/**
<if(file.listenerLabelRuleNames.(lname))>
```

```
* Enter a parse tree produced by the {@code <lname>\}
* labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
<else>
 * Enter a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
* @param ctx the parse tree
*/
void enter<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx);
/**
<if(file.listenerLabelRuleNames.(lname))>
* Exit a parse tree produced by the {@code <lname>\}
* labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
<else>
* Exit a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
* @param ctx the parse tree
*/
void exit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx);}; separator="\n">
}
>>


BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>

import org.antlr.v4.runtime.ParserRuleContext;
import org.antlr.v4.runtime.tree.ErrorNode;
import org.antlr.v4.runtime.tree.TerminalNode;

/**
* This class provides an empty implementation of {@link <file.grammarName>Listener},
 * which can be extended to create a listener which only needs to handle a subset
* of the available methods.
*/
public class <file.grammarName>BaseListener implements <file.grammarName>Listener {
 <file.listenerNames:{lname |
/**
* {@inheritDoc\}
*
* \<p>The default implementation does nothing.\</p>
*/
@Override public void enter<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx) { \}
/**
* {@inheritDoc\}
*
```

```
* \<p>The default implementation does nothing.\</p>
*/
@Override public void exit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx) { \}};
separator="\n">

 /**
  * {@inheritDoc\}
  *
  * \<p>The default implementation does nothing.\</p>
  */
 @Override public void enterEveryRule(ParserRuleContext ctx) { }
/**
  * {@inheritDoc\}
  *
  * \<p>The default implementation does nothing.\</p>
  */
 @Override public void exitEveryRule(ParserRuleContext ctx) { }
/**
  * {@inheritDoc\}
  *
  * \<p>The default
 implementation does nothing.\</p>
  */
 @Override public void visitTerminal(TerminalNode node) { }
/**
  * {@inheritDoc\}
  *
  * \<p>The default implementation does nothing.\</p>
  */
 @Override public void visitErrorNode(ErrorNode node) { }
}
>>


VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>
import org.antlr.v4.runtime.tree.ParseTreeVisitor;

/**
 * This interface defines a complete generic visitor for a parse tree produced
 * by {@link <file.parserName>}.
 *
 * @param \<T> The return type of the visit operation. Use {@link Void} for
 * operations with no return type.
 */
```

```
public interface <file.grammarName>Visitor\<T> extends ParseTreeVisitor\<T> {
 <file.visitorNames:{lname |
/**
<if(file.visitorLabelRuleNames.(lname))>
* Visit a parse tree produced by the {@code <lname>\}
* labeled alternative in {@link <file.parserName>#<file.visitorLabelRuleNames.(lname)>\}.
<else>
 * Visit a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
* @param ctx the parse tree
* @return the visitor result
*/
T visit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx);}; separator="\n">
}
>>


BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>
import org.antlr.v4.runtime.tree.AbstractParseTreeVisitor;

/**
* This class provides an empty implementation of {@link <file.grammarName>Visitor},
* which can be extended to create a visitor which only needs to handle a subset
* of the available methods.
*
* @param \<T> The return type of the visit operation. Use {@link Void} for
* operations with no return type.
*/
public class <file.grammarName>BaseVisitor\<T> extends AbstractParseTreeVisitor\<T> implements
<file.grammarName>Visitor\<T> {
 <file.visitorNames:{lname |
/**
* {@inheritDoc\}
*
* \<p>The default
 implementation returns the result of calling
* {@link #visitChildren\} on {@code ctx\}.\</p>
*/
@Override public T visit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx) { return
visitChildren(ctx); \}}; separator="\n">
}
>>


fileHeader(grammarFileName, ANTLRVersion) ::= <<
```

```
// Generated from <grammarFileName; format="java-escape"> by ANTLR <ANTLRVersion>
>>


Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>


Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
@SuppressWarnings({"all", "warnings", "unchecked", "unused", "cast"})
public class <parser.name> extends <superClass; null="Parser"> {
 static { RuntimeMetaData.checkVersion("<file.ANTLRVersion>", RuntimeMetaData.VERSION); }

 protected static final DFA[] _decisionToDFA;
 protected static final PredictionContextCache _sharedContextCache =
  new PredictionContextCache();
<if(parser.tokens)>
public static final int
 <parser.tokens:{k | <k>=<parser.tokens.(k)>};
separator=", ", wrap, anchor>;
<endif>
<if(parser.rules)>
public static final int
 <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>;
<endif>
private static String[] makeRuleNames() {
 return new String[] {
  <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
 };
}
public static final String[] ruleNames = makeRuleNames();

<vocabulary(parser.literalNames, parser.symbolicNames)>

@Override
public String getGrammarFileName() { return "<parser.grammarFileName; format="java-escape">"; }

@Override
public String[] getRuleNames() { return ruleNames; }

@Override
public String getSerializedATN() { return _serializedATN; }

@Override
public ATN getATN() { return _ATN; }

<namedActions.members>
<parser:(ctor)()>
<funcs; separator="\n">
```

```
<if(sempredFuncs)>
public boolean sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
 switch (ruleIndex) {
  <parser.sempredFuncs.values:{f|
case <f.ruleIndex>:
return
<f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n">
 }
 return true;
 }
<sempredFuncs.values; separator="\n">
<endif>

 <atn>
 }
>>

vocabulary(literalNames, symbolicNames) ::= <<
private static String[] makeLiteralNames() {
 return new String[] {
  <literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
 };
}
private static final String[] _LITERAL_NAMES = makeLiteralNames();
private static String[] makeSymbolicNames() {
 return new String[] {
  <symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
 };
}
private static final String[] _SYMBOLIC_NAMES = makeSymbolicNames();
public static final Vocabulary VOCABULARY = new VocabularyImpl(_LITERAL_NAMES,
_SYMBOLIC_NAMES);

/**
* @deprecated Use {@link #VOCABULARY} instead.
*/
@Deprecated
public static final String[] tokenNames;
static {
 tokenNames = new String[_SYMBOLIC_NAMES.length];
 for (int i = 0; i \< tokenNames.length; i++) {
  tokenNames[i] = VOCABULARY.getLiteralName(i);
  if (tokenNames[i]
== null) {
   tokenNames[i] = VOCABULARY.getSymbolicName(i);
  }
```

```
   if (tokenNames[i] == null) {
    tokenNames[i] = "\<INVALID>";
   }
  }
 }

 @Override
 @Deprecated
 public String[] getTokenNames() {
  return tokenNames;
 }

 @Override

 public Vocabulary getVocabulary() {
  return VOCABULARY;
 }
>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
@Override
public void action(RuleContext _localctx, int ruleIndex, int actionIndex) {
 switch (ruleIndex) {
 <recog.actionFuncs.values:{f|
case <f.ruleIndex>:
 <f.name>_action((<f.ctxType>)_localctx, actionIndex);
 break;}; separator="\n">
 }
}
<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
@Override
public boolean sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
 switch (ruleIndex) {
 <recog.sempredFuncs.values:{f|
case <f.ruleIndex>:
 return <f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n">
 }
 return true;
}
<sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(p)
```

```
 ::= <<
public <p.name>(TokenStream input) {
 super(input);
 _interp = new ParserATNSimulator(this,_ATN,_decisionToDFA,_sharedContextCache);
}
>>


/* This generates a private method since the actionIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleActionFunction(r, actions) ::= <<
private void <r.name>_action(<r.ctxType> _localctx, int actionIndex) {
 switch (actionIndex) {
 <actions:{index|
case <index>:
 <actions.(index)>
 break;}; separator="\n">
 }
 }
>>


/* This generates a private method since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
private boolean <r.name>_sempred(<r.ctxType> _localctx, int predIndex) {
 switch (predIndex) {
 <actions:{index|
case <index>:
 return <actions.(index)>;}; separator="\n">
 }
 return true;
}
>>


RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
 ::= <<


<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">


<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public final <endif><currentRule.ctxType>
<currentRule.name>(<args; separator=",">) throws RecognitionException {
 <currentRule.ctxType> _localctx = new <currentRule.ctxType>(_ctx, getState()<currentRule.args:{a | ,
<a.name>}>);
 enterRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>);
 <namedActions.init>
 <locals; separator="\n">
```

```
 try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
 }
 <if(exceptions)>
 <exceptions; separator="\n">
 <else>
 catch (RecognitionException re) {
 _localctx.exception = re;
 _errHandler.reportError(this, re);
 _errHandler.recover(this, re);
 }
 <endif>
 finally {
 <finallyAction>
 exitRule();
 }
 return _localctx;
}
>>


LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
 namedActions,finallyAction,postamble)
 ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public final <endif><currentRule.ctxType>
<currentRule.name>(<args; separator=", ">) throws RecognitionException {
 return <currentRule.name>(0<currentRule.args:{a | , <a.name>}>);
}

private <currentRule.ctxType> <currentRule.name>(int _p<args:{a | , <a>}>) throws RecognitionException {
 ParserRuleContext _parentctx = _ctx;
 int _parentState = getState();
 <currentRule.ctxType> _localctx = new <currentRule.ctxType>(_ctx, _parentState<currentRule.args:{a | ,
<a.name>}>);
 <currentRule.ctxType> _prevctx = _localctx;
 int _startState = <currentRule.startState>;
 enterRecursionRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>, _p);
 <namedActions.init>
 <locals; separator="\n">
```

```
 try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
 }
 catch (RecognitionException
 re) {
 _localctx.exception = re;
 _errHandler.reportError(this, re);
 _errHandler.recover(this, re);
 }
 finally {
 <finallyAction>
 unrollRecursionContexts(_parentctx);
 }
 return _localctx;
 }
>>

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = new <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
enterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
{
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
}
>>

LL1AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = _input.LT(1);<endif>
<preamble; separator="\n">
switch (_input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;};
 separator="\n">
default:
```

```
 <error>
}
>>


LL1OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
switch (_input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n">
default:
 break;
}
>>


LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<preamble; separator="\n">
if (<expr>) {
 <alts; separator="\n">
}
<!else if ( !(<followExpr>) ) <error>!>
>>


LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<preamble; separator="\n">
while (<loopExpr>) {
 <alts; separator="\n">
 setState(<choice.loopBackStateNumber>);
 _errHandler.sync(this);
 <iteration>
}
>>


LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
setState(<choice.blockStartStateNumber>); <! alt block decision !>
_errHandler.sync(this);
<preamble;
 separator="\n">
do {
 <alts; separator="\n">
 setState(<choice.stateNumber>); <! loopback/exit decision !>
 _errHandler.sync(this);
 <iteration>
```

```
} while ( <loopExpr> );
>>


// LL(*) stuff


AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = _input.LT(1);<endif>
<preamble; separator="\n">
switch ( getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx) ) {
<alts:{alt |
case <i>:
 <alt>
 break;}; separator="\n">
}
>>


OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
switch ( getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx) ) {
<alts:{alt |
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break;}; separator="\n">
}
>>


StarBlock(choice, alts, sync, iteration) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
_alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);
while ( _alt!=<choice.exitAlt>
 && _alt!=org.antlr.v4.runtime.atn.ATN.INVALID_ALT_NUMBER ) {
 if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {
  <iteration>
  <alts> <! should only be one !>
 }
 setState(<choice.loopBackStateNumber>);
 _errHandler.sync(this);
 _alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);
}
>>


PlusBlock(choice, alts, error) ::= <<
setState(<choice.blockStartStateNumber>); <! alt block decision !>
_errHandler.sync(this);
```

```
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
 switch (_alt) {
 <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break;}; separator="\n">
 default:
  <error>
 }
 setState(<choice.loopBackStateNumber>); <! loopback/exit decision !>
 _errHandler.sync(this);
 _alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);
} while ( _alt!=<choice.exitAlt> && _alt!=org.antlr.v4.runtime.atn.ATN.INVALID_ALT_NUMBER );
>>


Sync(s) ::= "sync(<s.expecting.name>);"


ThrowNoViableAlt(t) ::= "throw new NoViableAltException(this);"


TestSetInline(s)
 ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">
>>


// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>


// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((1L \<\< <offsetShift(s.varName, bits.shift)>) &
(<bits.ttypes:{ttype | (1L \<\< <offsetShift(ttype, bits.shift)>)}; separator=" | ">)) != 0)
%>


isZero ::= [
"0":true,
default:false
]


offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>


// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
```

```
<bits.ttypes:{ttype | <s.varName>==<ttype>};
 separator=" || ">
%>


cases(ttypes) ::= <<
<ttypes:{t | case <t>:}; separator="\n">
>>


InvokeRule(r, argExprsChunks) ::= <<
setState(<r.stateNumber>);
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif><r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>
);
>>


MatchToken(m) ::= <<
setState(<m.stateNumber>);
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>match(<m.name>);
>>


MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"


MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"


CommonSetStuff(m, expr, capture, invert) ::= <<
setState(<m.stateNumber>);
<if(m.labels)><m.labels:{l | <labelref(l)> = }>_input.LT(1);<endif>
<capture>
if ( <if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr>) ) {
 <if(m.labels)><m.labels:{l | <labelref(l)> = (Token)}><endif>_errHandler.recoverInline(this);
}
else {
 if ( _input.LA(1)==Token.EOF ) matchedEOF = true;
 _errHandler.reportMatch(this);
 consume();
}
>>


Wildcard(w)
 ::= <<
setState(<w.stateNumber>);
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>matchWildcard();
>>


// ACTION STUFF


Action(a, foo, chunks) ::= "<chunks>"
```

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
setState(<p.stateNumber>);
if (!(<chunks>)) throw new FailedPredicateException(this, <p.predicate><if(failChunks)>,
<failChunks><elseif(p.msg)>, <p.msg><endif>);
>>

ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>

// lexer actions are not associated with model objects

LexerSkipCommand() ::= "skip();"
LexerMoreCommand() ::= "more();"
LexerPopModeCommand() ::= "popMode();"

LexerTypeCommand(arg, grammar)   ::= "_type = <arg>;"
LexerChannelCommand(arg, grammar) ::= "_channel = <arg>;"
LexerModeCommand(arg, grammar)   ::= "_mode = <arg>;"
LexerPushModeCommand(arg, grammar) ::= "pushMode(<arg>);"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::=
 "_localctx.<a.name>"
LocalRef(a) ::= "_localctx.<a.name>"
RetValueRef(a) ::= "_localctx.<a.name>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>;"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getText():null)"
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getType():0)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getLine():0)"
TokenPropertyRef_pos(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getCharPositionInLine():0)"
TokenPropertyRef_channel(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getChannel():0)"
TokenPropertyRef_index(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getTokenIndex():0)"
TokenPropertyRef_int(t)

```
                    ::= "(<ctx(t)>.<t.label>!=null?Integer.valueOf(<ctx(t)>.<t.label>.getText()):0)"


RulePropertyRef_start(r) ::= "(<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.start):null)"
RulePropertyRef_stop(r)  ::= "(<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.stop):null)"
RulePropertyRef_text(r)  ::=
"(<ctx(r)>.<r.label>!=null?_input.getText(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop):null)"
RulePropertyRef_ctx(r)   ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "this"


ThisRulePropertyRef_start(r) ::= "_localctx.start"
ThisRulePropertyRef_stop(r)  ::= "_localctx.stop"
ThisRulePropertyRef_text(r)  ::= "_input.getText(_localctx.start, _input.LT(-1))"
ThisRulePropertyRef_ctx(r)   ::= "_localctx"
ThisRulePropertyRef_parser(r) ::= "this"


NonLocalAttrRef(s)   ::= "((<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name>"
SetNonLocalAttr(s, rhsChunks)   ::=
 "((<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name>
 = <rhsChunks>;"


AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.add(<labelref(a.label)>);"


TokenDecl(t) ::= "<TokenLabelType()> <t.name>"
TokenTypeDecl(t) ::= "int <t.name>;"
TokenListDecl(t) ::= "List\<Token> <t.name> = new ArrayList\<Token>()"
RuleContextDecl(r) ::= "<r.ctxName> <r.name>"
RuleContextListDecl(rdecl) ::= "List\<<rdecl.ctxName>> <rdecl.name> = new ArrayList\<<rdecl.ctxName>>()"


ContextTokenGetterDecl(t)     ::=
  "public TerminalNode <t.name>() { return getToken(<parser.name>.<t.name>, 0); }"
ContextTokenListGetterDecl(t)  ::=
  "public List\<TerminalNode> <t.name>() { return getTokens(<parser.name>.<t.name>); }"
ContextTokenListIndexedGetterDecl(t)  ::= <<
public TerminalNode <t.name>(int i) {
 return getToken(<parser.name>.<t.name>, i);
}
>>
ContextRuleGetterDecl(r)      ::= <<
public <r.ctxName> <r.name>() {
 return getRuleContext(<r.ctxName>.class,0);
}
>>
ContextRuleListGetterDecl(r)  ::= <<
public
 List\<<r.ctxName>\> <r.name>() {
 return getRuleContexts(<r.ctxName>.class);
}
>>
```

```
ContextRuleListIndexedGetterDecl(r)   ::= <<
public <r.ctxName> <r.name>(int i) {
 return getRuleContext(<r.ctxName>.class,i);
}
>>


LexerRuleContext() ::= "RuleContext"


/** The rule context name is the rule followed by a suffix; e.g.,
* r becomes rContext.
*/
RuleContextNameSuffix() ::= "Context"


ImplicitTokenLabel(tokenName) ::= "<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "<ruleName>"
ImplicitSetLabel(id)    ::= "_tset<id>"
ListLabelName(label)    ::= "<label>"


CaptureNextToken(d) ::= "<d.varName> = _input.LT(1);"
CaptureNextTokenType(d) ::= "<d.varName> = _input.LA(1);"


StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers)
 ::= <<
public static class <struct.name> extends
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)> implements
<interfaces; separator=", "><endif> {
 <attrs:{a | public <a>;}; separator="\n">
 <getters:{g
 | <g>}; separator="\n">
 <if(ctorAttrs)>public <struct.name>(ParserRuleContext parent, int invokingState) { super(parent, invokingState);
}<endif>
 public <struct.name>(ParserRuleContext parent, int invokingState<ctorAttrs:{a | , <a>}>) {
  super(parent, invokingState);
  <struct.ctorAttrs:{a | this.<a.name> = <a.name>;}; separator="\n">
 }
 @Override public int getRuleIndex() { return RULE_<struct.derivedFromName>; }
<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
 public <struct.name>() { }
 public void copyFrom(<struct.name> ctx) {
  super.copyFrom(ctx);
  <struct.attrs:{a | this.<a.name> = ctx.<a.name>;}; separator="\n">
 }
<endif>
 <dispatchMethods; separator="\n">
 <extensionMembers; separator="\n">
}
>>
```

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
public static class <struct.name> extends <currentRule.name; format="cap">Context {
 <attrs:{a | public <a>;}; separator="\n">
 <getters:{g | <g>}; separator="\n">
 public <struct.name>(<currentRule.name;
 format="cap">Context ctx) { copyFrom(ctx); }
 <dispatchMethods; separator="\n">
}
>>

ListenerDispatchMethod(method) ::= <<
@Override
public void <if(method.isEnter)>enter<else>exit<endif>Rule(ParseTreeListener listener) {
 if (listener instanceof <parser.grammarName>Listener)
((<parser.grammarName>Listener)listener).<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName;
format="cap">(this);
}
>>

VisitorDispatchMethod(method) ::= <<
@Override
public \<T> T accept(ParseTreeVisitor\<? extends T> visitor) {
 if (visitor instanceof <parser.grammarName>Visitor) return ((<parser.grammarName>Visitor\<? extends
T>)visitor).visit<struct.derivedFromName; format="cap">(this);
 else return visitor.visitChildren(this);
}
>>

AttributeDecl(d) ::= "<d.type> <d.name><if(d.initValue)> = <d.initValue><endif>"

/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>((<x.ctx.name>)_localctx).<endif><x.name>"

/** For any
 action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "((<actionChunk.ctx.name>)_localctx)"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec) ::= "precpred(_ctx, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>;"
recRuleSetStopToken()   ::= "_ctx.stop = _input.LT(-1);"

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
_localctx = new <ctxName>Context(_parentctx, _parentState);
<if(label)>
<if(isListLabel)>
_localctx.<label>.add(_prevctx);

```
_localctx.<label> = _prevctx;
<endif>
<endif>
<if(label)>_localctx.<label> = _prevctx;<endif>
pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
_localctx = new <currentAltLabel; format="cap">Context(new <ruleName; format="cap">Context(_parentctx,
_parentState));
<if(label)>
<if(isListLabel)>
((<currentAltLabel; format="cap">Context)_localctx).<label>.add(_prevctx);
<else>
((<currentAltLabel;
 format="cap">Context)_localctx).<label> = _prevctx;
<endif>
<endif>
pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>

recRuleReplaceContext(ctxName) ::= <<
_localctx = new <ctxName>Context(_localctx);
_ctx = _localctx;
_prevctx = _localctx;
>>

recRuleSetPrevCtx() ::= <<
if ( _parseListeners!=null ) triggerExitRuleEvent();
_prevctx = _localctx;
>>


LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
<if(lexerFile.genPackage)>
package <lexerFile.genPackage>;
<endif>
<namedActions.header>
import org.antlr.v4.runtime.Lexer;
import org.antlr.v4.runtime.CharStream;
import org.antlr.v4.runtime.Token;
import org.antlr.v4.runtime.TokenStream;
import org.antlr.v4.runtime.*;
import org.antlr.v4.runtime.atn.*;
import org.antlr.v4.runtime.dfa.DFA;
import org.antlr.v4.runtime.misc.*;
```

```
<lexer>
>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
@SuppressWarnings({"all",
 "warnings", "unchecked", "unused", "cast"})
public class <lexer.name> extends <superClass; null="Lexer"> {
 static { RuntimeMetaData.checkVersion("<lexerFile.ANTLRVersion>", RuntimeMetaData.VERSION); }

 protected static final DFA[] _decisionToDFA;
 protected static final PredictionContextCache _sharedContextCache =
  new PredictionContextCache();
 <if(lexer.tokens)>
 public static final int
  <lexer.tokens:{k | <k>=<lexer.tokens.(k)>}; separator=", ", wrap, anchor>;
 <endif>
 <if(lexer.channels)>
 public static final int
  <lexer.channels:{c | <c>=<lexer.channels.(c)>}; separator=", ", wrap, anchor>;
 <endif>
 <if(rest(lexer.modes))>
 public static final int
  <rest(lexer.modes):{m | <m>=<i>}; separator=", ", wrap, anchor>;
 <endif>
 public static String[] channelNames = {
  "DEFAULT_TOKEN_CHANNEL", "HIDDEN"<if (lexer.channels)>, <lexer.channels:{c| "<c>"}; separator=", ",
wrap, anchor><endif>
 };

 public static String[] modeNames = {
  <lexer.modes:{m| "<m>"};
separator=", ", wrap, anchor>
 };

 private static String[] makeRuleNames() {
  return new String[] {
   <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
  };
 }
 public static final String[] ruleNames = makeRuleNames();

 <vocabulary(lexer.literalNames, lexer.symbolicNames)>

 <namedActions.members>

 public <lexer.name>(CharStream input) {
  super(input);
  _interp = new LexerATNSimulator(this,_ATN,_decisionToDFA,_sharedContextCache);
```

```
}

@Override
public String getGrammarFileName() { return "<lexer.grammarFileName>"; }

@Override
public String[] getRuleNames() { return ruleNames; }

@Override
public String getSerializedATN() { return _serializedATN; }

@Override
public String[] getChannelNames() { return channelNames; }

@Override
public String[] getModeNames() { return modeNames; }

@Override
public ATN getATN() { return _ATN; }

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>
}
>>


SerializedATN(model) ::= <<
<if(rest(model.segments))>
<! requires
 segmented representation !>
private static final int _serializedATNSegments = <length(model.segments)>;
<model.segments:{segment|private static final String _serializedATNSegment<i0> =
 "<segment; wrap={"+<\n><\t>"}>";}; separator="\n">
public static final String _serializedATN = Utils.join(
 new String[] {
  <model.segments:{segment | _serializedATNSegment<i0>}; separator=",\n">
 },
 ""
);
<else>
<! only one segment, can be inlined !>
public static final String _serializedATN =
 "<model.serialized; wrap={"+<\n><\t>"}>";
<endif>
public static final ATN _ATN =
 new ATNDeserializer().deserialize(_serializedATN.toCharArray());
static {
 _decisionToDFA = new DFA[_ATN.getNumberOfDecisions()];
 for (int i = 0; i \< _ATN.getNumberOfDecisions(); i++) {
```

```
  _decisionToDFA[i] = new DFA(_ATN.getDecisionState(i), i);
 }
<! org.antlr.v4.tool.DOTGenerator dot = new org.antlr.v4.tool.DOTGenerator(null);!>
<! System.out.println(dot.getDOT(_ATN.decisionToState.get(0), ruleNames, false));!>
<! System.out.println(dot.getDOT(_ATN.ruleToStartState[2],
 ruleNames, false));!>
}
>>


/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<javaTypeInitMap.(typeName)>
>>


codeFileExtension() ::= ".java"
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/codegen/Java/Java.stg
No license file was found, but licenses were detected in source scan.

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ANTLRLexer.java
No license file was found, but licenses were detected in source scan.

~ Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/META-
INF/maven/org.antlr/antlr4/pom.xml
No license file was found, but licenses were detected in source scan.

/*
* [The "BSD license"]
* Copyright (c) 2012-2016 Terence Parr
* Copyright (c) 2012-2016 Sam Harwell
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote products
*   derived from this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

// File   : A3Lexer.g
// Author   : Jim Idle (jimi@temporal-wave.com)

```
// Copyright : Free BSD - See @header clause below
// Version   : First implemented as part of ANTLR 3.2 this is the self
//           hosting ANTLR 3 Lexer.
//
// Description
// -----------
// This is the definitive lexer grammar for parsing ANTLR V3.x.x grammars. All other
// gramnmars are
 derived from this grammar via source code control integration (perforce)
// or by the gdiff tool.
//
// This grammar and its associated grmmmars A3Parser.g and A3Walker.g exhibit the following
// traits, which are recommended for all production quality grammars:
//
// 1) They are separate grammars, not composite grammars;
// 2) They implement all supporting methods in a superclass (at least this is recommended
//    for language targets that support inheritence;
// 3) All errors are pushed as far down the parsing chain as possible, which means
//    that the lexer tries to defer error reporting to the parser, and the parser
//    tries to defer error reporting to a semantic phase consisting of a single
//    walk of the AST. The reason for this is that the error messages produced
//    from later phases of the parse will generally have better context and so
//    be more useful to the end user. Consider the message: "Syntax error at 'options'"
//    vs: "You cannot specify two options{}
 sections in a single grammar file".
// 4) The lexer is 'programmed' to catch common mistakes such as unterminated literals
//    and report them specifically and not just issue confusing lexer mismatch errors.
//

/** Read in an ANTLR grammar and build an AST.  Try not to do
 *  any actions, just build the tree.
 *
 *  The phases are:
 *
 *  A3Lexer.g (this file)
 *         A3Parser.g
 *         A3Verify.g (derived from A3Walker.g)
 *  assign.types.g
 *  define.g
 *  buildnfa.g
 *  antlr.print.g (optional)
 *  codegen.g
 *
 *  Terence Parr
 *  University of San Francisco
 *  2005
 *  Jim Idle (this v3 grammar)
 *  Temporal Wave LLC
```

```
*  2009
*/
lexer grammar ANTLRLexer;


// ==============================================================================
// Note that while this grammar does not care about order of constructs
// that don't really matter, such as options before @header etc, it must first
// be parsed by the original v2 parser, before it replaces it. That parser
 does
// care about order of structures. Hence we are constrained by the v2 parser
// for at least the first bootstrap release that causes this parser to replace
// the v2 version.
// ==============================================================================


// -------
// Options
//
// V3 option directives to tell the tool what we are asking of it for this
// grammar.
//
options {

 // Target language is Java, which is the default but being specific
 // here as this grammar is also meant as a good example grammar for
 // for users.
 //
 language     = Java;


 // The super class that this lexer should expect to inherit from, and
 // which contains any and all support routines for the lexer. This is
 // commented out in this baseline (definitive or normative grammar)
 // - see the ANTLR tool implementation for hints on how to use the super
 //   class
 //
 //superclass    = AbstractA3Lexer;
}

tokens { SEMPRED; TOKEN_REF; RULE_REF; LEXER_CHAR_SET; ARG_ACTION; }

// Include the copyright
 in this source and also the generated source
//
@lexer::header {
/*
[The "BSD licence"]
Copyright (c) 2005-2009 Terence Parr
All rights reserved.
```

```
*/
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
import org.antlr.v4.runtime.misc.Interval;
}


@members {
 public static final int COMMENTS_CHANNEL = 2;

  public CommonTokenStream tokens; // track stream we push to; need for context info
  public boolean isLexerRule = false;

public void grammarError(ErrorType etype, org.antlr.runtime.Token token, Object... args) { }

/** scan backwards from current point in this.tokens list
 * looking for the start of the rule or
subrule.
 * Return token or null if for some reason we can't find the start.
 */
public Token getRuleOrSubruleStartToken() {
   if ( tokens==null ) return null;
int i = tokens.index();
    int n = tokens.size();
    if ( i>=n ) i = n-1; // seems index == n as we lex
  while ( i>=0 && i<n ) {
```

```
    int ttype = tokens.get(i).getType();
    if ( ttype == LPAREN || ttype == TOKEN_REF || ttype == RULE_REF ) {
     return tokens.get(i);
    }
    i--;
   }
   return null;
  }
}


// --------
// Comments
//
// ANTLR comments can be multi or single line and we don't care
// which particularly. However we also accept Javadoc style comments
// of the form: /** ... */ and we do take care to distinguish those
// from ordinary multi-line comments
// Note how we guide the lexical PATH because we want to issue a decriptive
// error message in case of a standalone '/' character, which makes no
// sense in ANTLR source code. We alo trap unterminated multi-line comments
//
fragment DOC_COMMENT : ;
COMMENT
@init
 {

 // Record the start line and offsets as if we need to report an
 // unterminated comment, then we want to show the start of the comment
 // we think is broken, not the end, where people will have to try and work
 // it out themselves.
 //
 int startLine = $line;
 int offset    = getCharPositionInLine();
}
  : // Eat the first character only, then see if we have a comment
    // or something silly.
    //
    '/'  // Comment introducer

   (
       // Single line comment, possibly with embedded src/line directives
       // in a similar style to the C pre-processor, allowing generated
       // code to refer the programmer back to the original source code
       // in case of error.
       //
       '/'
        (
           (' $ANTLR')=> ' $ANTLR' SRC
```

```
      | ~(NLCHARS)*
    )


  | // Multi-line comment, which may be a documentation comment
    // if it starts /** (note that we protect against accidentaly
    // recognizing a comment /**/ as a documentation comment
    //
    '*' (
        { input.LA(2) != '/'}?=> '*' { $type = DOC_COMMENT; }
      | { true }?=>  // Required to cover all alts with predicates
      )

      // Should we support embedded multiline comments here?
      //
      (
        // Pick out end of multiline comment and exit the loop
        // if we find it.
        //
        {    !(input.LA(1) == '*' && input.LA(2) == '/') }?

          // Anything else other than the non-greedy match of
          // the comment close sequence
          //
          .
      )*
    (
        // Look for the comment terminator, but if it is accidentally
        // unterminated, then we will hit EOF, which will trigger the
        // epsilon alt and hence we can issue an error
 message relative
        // to the start of the unterminated multi-line comment
        //
        '*/'

      | // Unterminated comment!
        //
        {
          // ErrorManager.msg(Msg.UNTERMINATED_DOC_COMMENT, startLine, offset, $pos, startLine,
offset, $pos, (Object)null);
        }
      )


  | // There was nothing that made sense following the opening '/' and so
    // we issue an error regarding the malformed comment
    //
    {
      // TODO: Insert error message relative to comment start
      //
```

```
      }
   )
   {
      // We do not wish to pass the comments in to the parser. If you are
      // writing a formatter then you will want to preserve the comments off
      // channel, but could just skip and save token space if not.
      //
      $channel=COMMENTS_CHANNEL;
   }
  ;


ARG_OR_CHARSET
options {k=1;}
 :
  {isLexerRule}?=> LEXER_CHAR_SET {$type=LEXER_CHAR_SET;}
  | {!isLexerRule}?=> ARG_ACTION
    {
    $type=ARG_ACTION;
    // Set the token text to our gathered string minus outer [ ]
    String t = $text;
    t = t.substring(1,t.length()-1);
    setText(t);
    }
  ;


fragment
LEXER_CHAR_SET
 : '['
  ( '\\' ~('\r'|'\n')
  | ~('\r'|'\n'|'\\'|']')
  )*
  ']'
  ;


// --------------
// Argument specs
//
// Certain argument lists, such as those specifying call parameters
// to a rule invocation, or input parameters to a rule specification
// are contained within square brackets. In the lexer we consume them
// all at once and sort them out later in the grammar analysis.
//
fragment
ARG_ACTION
 : '['
    (
        ARG_ACTION
```

```
        | ('"')=>ACTION_STRING_LITERAL

        | ('\'')=>ACTION_CHAR_LITERAL

        | ~('['|']')
    )*

    ']'
 ;


// -------
// Actions
//
// Other than making sure to distinguish between { and } embedded
//
 within what we have assumed to be literals in the action code, the
// job of the lexer is merely to gather the code within the action
// (delimited by {}) and pass it to the parser as a single token.
// We know that this token will be asked for its text somewhere
// in the upcoming parse, so setting the text here to exclude
// the delimiting {} is no additional overhead.
//
ACTION
 : NESTED_ACTION
  ( '?' {$type = SEMPRED;}
   ( (WSNLCHARS* '=>') => WSNLCHARS* '=>' // v3 gated sempred
    {
    Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1);
    t.setLine(state.tokenStartLine);
    t.setText(state.text);
    t.setCharPositionInLine(state.tokenStartCharPositionInLine);
    grammarError(ErrorType.V3_GATED_SEMPRED, t);
    }
   )?
  )?
 ;


// ----------------
// Action structure
//
// Many language targets use {} as block delimiters and so we
// must recursively match {} delimited blocks to balance the
// braces. Additionally, we
 must make some assumptions about
// literal string representation in the target language. We assume
// that they are delimited by ' or " and so consume these
// in their own alts so as not to inadvertantly match {}.
// This rule calls itself on matching a {
```

```
//
fragment
NESTED_ACTION
@init {

 // Record the start line and offsets as if we need to report an
 // unterminated block, then we want to show the start of the comment
 // we think is broken, not the end, where people will have to try and work
 // it out themselves.
 //
 int startLine = getLine();
 int offset    = getCharPositionInLine();
}

  : // Action and other blocks start with opening {
    //
   '{'
    (
    // And now we can match one of a number of embedded
    // elements within the action until we find a
    // } that balances the opening {. If we do not find
    // the balanced } then we will hit EOF and can issue
    // an error message about the brace that we belive to
    // be mismatched. This won't be
foolproof but we will
    // be able to at least report an error against the
    // opening brace that we feel is in error and this will
    // guide the user to the correction as best we can.
    //


      // An embedded {} block
     //
     NESTED_ACTION

    | // What appears to be a literal
      //
      ACTION_CHAR_LITERAL

    | // We have assumed that the target language has C/Java
      // type comments.
      //
      COMMENT

    | // What appears to be a literal
      //
      ACTION_STRING_LITERAL
```

```
   | // What appears to be an escape sequence
     //
     ACTION_ESC


   | // Some other single character that is not
     // handled above
     //
     ~('\\'|'"'|'\''|'/'|'{'|'}')

   )*

 (
   // Correctly balanced closing brace
   //
   '}'

 | // Looks like have an imbalanced {} block, report
   // with respect to the opening brace.
   //
   {
      // TODO: Report imbalanced {}

  System.out.println("Block starting  at line " + startLine + " offset " + (offset+1) + " contains imbalanced {} or is
missing a }");
   }
 )
  ;



// Keywords
// --------
// keywords used to specify ANTLR v3 grammars. Keywords may not be used as
// labels for rules or in any other context where they would be ambiguous
// with the keyword vs some other identifier
// OPTIONS, TOKENS, and CHANNELS must also consume the opening brace that captures
// their option block, as this is the easiest way to parse it separate
// to an ACTION block, despite it using the same {} delimiters.
//
OPTIONS     : 'options'  WSNLCHARS* '{' ;
TOKENS_SPEC : 'tokens'   WSNLCHARS* '{' ;
CHANNELS    : 'channels' WSNLCHARS* '{' ;

IMPORT      : 'import'            ;
FRAGMENT    : 'fragment'          ;
LEXER       : 'lexer'            ;
PARSER      : 'parser'           ;
GRAMMAR     : 'grammar'          ;
TREE_GRAMMAR : 'tree' WSNLCHARS* 'grammar' ;
```

```
PROTECTED   : 'protected'
    ;
PUBLIC     : 'public'         ;
PRIVATE    : 'private'         ;
RETURNS    : 'returns'          ;
LOCALS     : 'locals'         ;
THROWS     : 'throws'          ;
CATCH      : 'catch'          ;
FINALLY    : 'finally'         ;
MODE       : 'mode'           ;


// -----------
// Punctuation
//
// Character sequences used as separators, delimters, operators, etc
//
COLON      : ':'
        {
        // scan backwards, looking for a RULE_REF or TOKEN_REF.
        // which would indicate the start of a rule definition.
        // If we see a LPAREN, then it's the start of the subrule.
        // this.tokens is the token string we are pushing into, so
        // just loop backwards looking for a rule definition. Then
        // we set isLexerRule.
        Token t = getRuleOrSubruleStartToken();
        if ( t!=null ) {
            if ( t.getType()==RULE_REF
 ) isLexerRule = false;
            else if ( t.getType()==TOKEN_REF ) isLexerRule = true;
            // else must be subrule; don't alter context
        }
        }
        ;
COLONCOLON  : '::'            ;
COMMA      : ','             ;
SEMI       : ';'            ;
LPAREN     : '('            ;
RPAREN     : ')'            ;
RARROW     : '->'             ;
LT         : '<'            ;
GT         : '>'            ;
ASSIGN     : '='            ;
QUESTION   : '?'             ;
SYNPRED    : '=>'
    {
    Token t = new CommonToken(input, state.type, state.channel,
                state.tokenStartCharIndex, getCharIndex()-1);
    t.setLine(state.tokenStartLine);
```

```
        t.setText(state.text);
        t.setCharPositionInLine(state.tokenStartCharPositionInLine);
        grammarError(ErrorType.V3_SYNPRED, t);
                $channel=HIDDEN;
        }
            ;
STAR        : '*'             ;
PLUS        : '+'             ;
PLUS_ASSIGN : '+='             ;
OR          : '|'             ;
DOLLAR      : '$'             ;
DOT       : '.'              ; // can be WILDCARD or DOT in qid or imported rule ref
RANGE       : '..'             ;
AT        : '@'             ;
POUND       : '#'             ;
NOT        : '~'             ;
RBRACE      : '}'             ;

/** Allow unicode rule/token names */
ID   : a=NameStartChar NameChar*
    {
    if ( Grammar.isTokenName($a.text) ) $type = TOKEN_REF;
    else $type = RULE_REF;
    }
    ;

fragment
NameChar   :  NameStartChar
        |  '0'..'9'
        |  '_'
        |  '\u00B7'
        |  '\u0300'..'\u036F'
        |  '\u203F'..'\u2040'
        ;

fragment
NameStartChar
        :  'A'..'Z' | 'a'..'z'
        |  '\u00C0'..'\u00D6'
        |  '\u00D8'..'\u00F6'
         |  '\u00F8'..'\u02FF'
        |  '\u0370'..'\u037D'
        |  '\u037F'..'\u1FFF'
        |  '\u200C'..'\u200D'
        |  '\u2070'..'\u218F'
        |  '\u2C00'..'\u2FEF'
        |  '\u3001'..'\uD7FF'
        |  '\uF900'..'\uFDCF'
```

```
        |  '\uFDF0'..'\uFEFE'
        |  '\uFF00'..'\uFFFD'
        ; // ignores | ['\u10000-'\uEFFFF] ;


// ---------------------------
// Literals embedded in actions
//
// Note that we have made the assumption that the language used within
// actions uses the fairly standard " and ' delimiters for literals and
// that within these literals, characters are escaped using the \ character.
// There are some languages which do not conform to this in all cases, such
// as by using /string/ and so on. We will have to deal with such cases if
// if they come up in targets.
//

// Within actions, or other structures that are not part of the ANTLR
// syntax, we may encounter literal characters. Within
 these, we do
// not want to inadvertantly match things like '}' and so we eat them
// specifically. While this rule is called CHAR it allows for the fact that
// some languages may use/allow ' as the string delimiter.
//
fragment
ACTION_CHAR_LITERAL
 : '\" (('\\')=>ACTION_ESC | ~'\" )* '\"
 ;


// Within actions, or other structures that are not part of the ANTLR
// syntax, we may encounter literal strings. Within these, we do
// not want to inadvertantly match things like '}' and so we eat them
// specifically.
//
fragment
ACTION_STRING_LITERAL
 : '"' (('\\')=>ACTION_ESC | ~'"')* '"'
 ;


// Within literal strings and characters that are not part of the ANTLR
// syntax, we must allow for escaped character sequences so that we do not
// inadvertantly recognize the end of a string or character when the terminating
// delimiter has been esacped.
//
fragment
ACTION_ESC
 : '\\' .
 ;

// -------
```

```
// Integer
//
// Obviously (I hope) match an aribtrary long sequence of digits.
//
INT :
 ('0'..'9')+
   ;


// -----------
// Source spec
//
// A fragment rule for picking up information about an origrinating
// file from which the grammar we are parsing has been generated. This allows
// ANTLR to report errors against the originating file and not the generated
// file.
//
fragment
SRC : 'src' WSCHARS+ file=ACTION_STRING_LITERAL WSCHARS+ line=INT
    {
       // TODO: Add target specific code to change the source file name and current line number
       //
    }
   ;


// --------------
// Literal string
//
// ANTLR makes no disticintion between a single character literal and a
// multi-character string. All literals are single quote delimited and
// may contain unicode escape sequences of the form \uxxxx or \u{xxxxxx},
// where x is a valid hexadecimal number.
STRING_LITERAL
   :  '\'' ( ( ESC_SEQ | ~('\\'|'\''|'\r'|'\n') ) )*
     (   '\''
     |   // Unterminated string literal
         {
         Token t = new CommonToken(input, state.type, state.channel,
 state.tokenStartCharIndex, getCharIndex()-1);
         t.setLine(state.tokenStartLine);
         t.setText(state.text);
         t.setCharPositionInLine(state.tokenStartCharPositionInLine);
         grammarError(ErrorType.UNTERMINATED_STRING_LITERAL, t);
         }
     )
   ;


// A valid hex digit specification
//
```

```
fragment
HEX_DIGIT : ('0'..'9'|'a'..'f'|'A'..'F') ;

// Any kind of escaped character that we can embed within ANTLR
// literal strings.
//
fragment
ESC_SEQ
  : '\\'
    (
        // The standard escaped character set such as tab, newline, etc...
      'b'|'t'|'n'|'f'|'r'|'\"'|'\\'

      | // A Java style Unicode escape sequence
        UNICODE_ESC

       | // A Swift/Hack style Unicode escape sequence
         UNICODE_EXTENDED_ESC

     | // An illegal escape seqeunce
       ~('b'|'t'|'n'|'f'|'r'|'\"'|'\\'|'u') // \x for any invalid x (make sure to match char here)
       {
          Token t = new CommonToken(input,
 state.type, state.channel, getCharIndex()-2, getCharIndex()-1);
          t.setText(t.getText());
          t.setLine(input.getLine());
          t.setCharPositionInLine(input.getCharPositionInLine()-2);
          grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE, t, input.substring(getCharIndex()-
2,getCharIndex()-1));
       }
     )
  ;

fragment
UNICODE_ESC
@init {

 // Flag to tell us whether we have a valid number of
 // hex digits in the escape sequence
 //
 int hCount = 0;
}
  :  'u' // Leadin for unicode escape sequence

     // We now require 4 hex digits. Note though
     // that we accept any number of characters
     // and issue an error if we do not get 4. We cannot
     // use an inifinite count such as + because this
```

```
      // might consume too many, so we lay out the lexical
      // options and issue an error at the invalid paths.
      //
    (
      (
        HEX_DIGIT  { hCount++; }

      (

            HEX_DIGIT  { hCount++; }
          (
            HEX_DIGIT  { hCount++; }
            (
              // Four valid hex digits, we are good
              //
              HEX_DIGIT { hCount++; }

              | // Three valid digits
            )

            | // Two valid digits
          )

          | // One valid digit
        )
         )
      | // No valid hex digits at all
    )

    // Now check the digit count and issue an error if we need to
    //
    {
     if (hCount < 4) {
     Interval badRange = Interval.of(getCharIndex()-2-hCount, getCharIndex());
     String lastChar = input.substring(badRange.b, badRange.b);
     if ( lastChar.codePointAt(0)=='\' ) {
      badRange.b--;
     }
     String bad = input.substring(badRange.a, badRange.b);
     Token t = new CommonToken(input, state.type, state.channel, badRange.a, badRange.b);
     t.setLine(input.getLine());
     t.setCharPositionInLine(input.getCharPositionInLine()-hCount-2);
     grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE,
t, bad);
     }
     }
    ;

fragment
```

```
UNICODE_EXTENDED_ESC
  :  'u{' // Leadin for unicode extended escape sequence

     HEX_DIGIT+ // One or more hexadecimal digits

     '}' // Leadout for unicode extended escape sequence

     // Now check the digit count and issue an error if we need to
     {
        int numDigits = getCharIndex()-state.tokenStartCharIndex-6;
        if (numDigits > 6) {
          Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-
1);
          t.setText(t.getText());
          t.setLine(input.getLine());
          t.setCharPositionInLine(input.getCharPositionInLine()-numDigits);
          grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE, t,
input.substring(state.tokenStartCharIndex,getCharIndex()-1));
    }
      }
  ;


// ----------
//
 Whitespace
//
// Characters and character constructs that are of no import
// to the parser and are used to make the grammar easier to read
// for humans.
//
WS
  : (
      ' '
      | '\t'
      | '\r'
      | '\n'
      | '\f'
    )+
    {$channel=HIDDEN;}
  ;


// A fragment rule for use in recognizing end of line in
// rules like COMMENT.
//
fragment
NLCHARS
  : '\n' | '\r'
  ;
```

```
// A fragment rule for recognizing traditional whitespace
// characters within lexer rules.
//
fragment
WSCHARS
  : ' ' | '\t' | '\f'
  ;


// A fragment rule for recognizing both traditional whitespace and
// end of line markers, when we don't care to distinguish but don't
// want any action code going on.
//
fragment
WSNLCHARS
  : ' ' | '\t' | '\f' | '\n' | '\r'
  ;


// This rule allows ANTLR 4 to parse grammars using the UTF-8 encoding with a
// byte order mark. Since this Unicode character doesn't appear as a token
// anywhere else in the grammar, we can simply skip all instances
// of it without
// problem. This rule will not break usage of \uFEFF inside a LEXER_CHAR_SET or
// STRING_LITERAL.
UnicodeBOM
  :  '\uFEFF' {skip();}
  ;


// -----------------
// Illegal Character
//
// This is an illegal character trap which is always the last rule in the
// lexer specification. It matches a single character of any value and being
// the last rule in the file will match when no other rule knows what to do
// about the character. It is reported as an error but is not passed on to the
// parser. This means that the parser to deal with the grammar file anyway
// but we will not try to analyse or code generate from a file with lexical
// errors.
//
ERRCHAR
  : .
    {
      Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1);
      t.setLine(state.tokenStartLine);
      t.setText(state.text);
      t.setCharPositionInLine(state.tokenStartCharPositionInLine);
      String msg = getTokenErrorDisplay(t)
```

```
+ " came as a complete surprise to me";
    grammarError(ErrorType.SYNTAX_ERROR, t, msg);
    state.syntaxErrors++;
    skip();
  }
;
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ANTLRLexer.g
No license file was found, but licenses were detected in source scan.

```
/*
[The "BSD license"]
Copyright (c) 2011 Terence Parr
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
   derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
 DISCLAIMED.
IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/parse/GrammarTreeVisitor.java
No license file was found, but licenses were detected in source scan.

```
/*
* [The "BSD license"]
```

```
// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<namedActions.header>
using System;
using System.IO;
using System.Text;
using System.Diagnostics;
using System.Collections.Generic;
using
 Antlr4.Runtime;
using Antlr4.Runtime.Atn;
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using DFA = Antlr4.Runtime.Dfa.DFA;
```

```
<parser>
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>


ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using IParseTreeListener = Antlr4.Runtime.Tree.IParseTreeListener;
using IToken = Antlr4.Runtime.IToken;


/// \<summary>
/// This interface defines a complete listener for a parse tree produced by
/// \<see cref="<csIdentifier.(file.parserName)>"/>.
/// \</summary>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public interface I<file.grammarName>Listener : IParseTreeListener {
 <file.listenerNames:{lname |
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Enter a parse tree produced by the \<c><lname>\</c>
/// labeled
 alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
/// Enter a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
void Enter<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname; format="cap">Context
context);
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Exit a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
/// Exit a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
void Exit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname; format="cap">Context
context);}; separator="\n">
```

```
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>

BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName,
 file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>

using Antlr4.Runtime.Misc;
using IErrorNode = Antlr4.Runtime.Tree.IErrorNode;
using ITerminalNode = Antlr4.Runtime.Tree.ITerminalNode;
using IToken = Antlr4.Runtime.IToken;
using ParserRuleContext = Antlr4.Runtime.ParserRuleContext;

/// \<summary>
/// This class provides an empty implementation of \<see cref="I<file.grammarName>Listener"/>,
/// which can be extended to create a listener which only needs to handle a subset
/// of the available methods.
/// \</summary>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.Diagnostics.DebuggerNonUserCode]
[System.CLSCompliant(false)]
public partial class <file.grammarName>BaseListener : I<file.grammarName>Listener {
 <file.listenerNames:{lname |
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Enter a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
///
 Enter a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \<para>The default implementation does nothing.\</para>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
public virtual void Enter<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname;
format="cap">Context context) { \}
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Exit a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
```

```
/// Exit a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \<para>The default implementation does nothing.\</para>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
public virtual void Exit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname;
format="cap">Context context) { \}}; separator="\n">


 /// \<inheritdoc/>
 ///
 \<remarks>The default implementation does nothing.\</remarks>
 public virtual void EnterEveryRule([NotNull] ParserRuleContext context) { }
 /// \<inheritdoc/>
 /// \<remarks>The default implementation does nothing.\</remarks>
 public virtual void ExitEveryRule([NotNull] ParserRuleContext context) { }
 /// \<inheritdoc/>
 /// \<remarks>The default implementation does nothing.\</remarks>
 public virtual void VisitTerminal([NotNull] ITerminalNode node) { }
 /// \<inheritdoc/>
 /// \<remarks>The default implementation does nothing.\</remarks>
 public virtual void VisitErrorNode([NotNull] IErrorNode node) { }
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>


VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using IToken = Antlr4.Runtime.IToken;


/// \<summary>
/// This interface defines a complete
 generic visitor for a parse tree produced
/// by \<see cref="<csIdentifier.(file.parserName)>"/>.
/// \</summary>
/// \<typeparam name="Result">The return type of the visit operation.\</typeparam>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public interface I<file.grammarName>Visitor\<Result> : IParseTreeVisitor\<Result> {
 <file.visitorNames:{lname |
/// \<summary>
```

```
<if(file.visitorLabelRuleNames.(lname))>
/// Visit a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.visitorLabelRuleNames.(lname)>"/>.
<else>
/// Visit a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
/// \<return>The visitor result.\</return>
Result Visit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname; format="cap">Context
context);}; separator="\n">
}
<if(file.genPackage)>
} // namespace
 <file.genPackage>
<endif>
>>


BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using IToken = Antlr4.Runtime.IToken;
using ParserRuleContext = Antlr4.Runtime.ParserRuleContext;

/// \<summary>
/// This class provides an empty implementation of \<see cref="I<file.grammarName>Visitor{Result}"/>,
/// which can be extended to create a visitor which only needs to handle a subset
/// of the available methods.
/// \</summary>
/// \<typeparam name="Result">The return type of the visit operation.\</typeparam>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.Diagnostics.DebuggerNonUserCode]
[System.CLSCompliant(false)]
public partial class <file.grammarName>BaseVisitor\<Result> : AbstractParseTreeVisitor\<Result>,
I<file.grammarName>Visitor\<Result> {
 <file.visitorNames:{lname |
/// \<summary>
<if(file.visitorLabelRuleNames.(lname))>
///
 Visit a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.visitorLabelRuleNames.(lname)>"/>.
<else>
/// Visit a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
```

```
<endif>
/// \<para>
/// The default implementation returns the result of calling \<see
cref="AbstractParseTreeVisitor{Result\}.VisitChildren(IRuleNode)"/>
/// on \<paramref name="context"/>.
/// \</para>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
/// \<return>The visitor result.\</return>
public virtual Result Visit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname;
format="cap">Context context) { return VisitChildren(context); \}}; separator="\n">
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>


fileHeader(grammarFileName, ANTLRVersion) ::= <<
//------------------------------------------------------------------------------
// \<auto-generated>
//
    This code was generated by a tool.
//    ANTLR Version: <ANTLRVersion>
//
//    Changes to this file may cause incorrect behavior and will be lost if
//    the code is regenerated.
// \</auto-generated>
//------------------------------------------------------------------------------


// Generated from <grammarFileName> by ANTLR <ANTLRVersion>

// Unreachable code detected
#pragma warning disable 0162
// The variable '...' is assigned but its value is never used
#pragma warning disable 0219
// Missing XML comment for publicly visible type or member '...'
#pragma warning disable 1591
// Ambiguous reference in cref attribute
#pragma warning disable 419


>>


Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>


Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
```

```
[System.CLSCompliant(false)]
public partial class <csIdentifier.(parser.name)> : <superClass;
 null="Parser"> {
 protected static DFA[] decisionToDFA;
 protected static PredictionContextCache sharedContextCache = new PredictionContextCache();
 <if(parser.tokens)>
 public const int
  <parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator=", ", wrap, anchor>;
 <endif>
 <if(parser.rules)>
 public const int
  <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>;
 <endif>
 public static readonly string[] ruleNames = {
  <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
 };

 <vocabulary(parser.literalNames, parser.symbolicNames)>

 public override string GrammarFileName { get { return "<parser.grammarFileName>"; } }

 public override string[] RuleNames { get { return ruleNames; } }

 public override string SerializedAtn { get { return new string(_serializedATN); } }

 static <csIdentifier.(parser.name)>() {
  decisionToDFA = new DFA[_ATN.NumberOfDecisions];
  for (int i = 0; i \< _ATN.NumberOfDecisions; i++) {
   decisionToDFA[i] = new
DFA(_ATN.GetDecisionState(i), i);
  }
 }

 <namedActions.members>
 <parser:(ctor)()>
 <funcs; separator="\n">

<if(sempredFuncs)>
 public override bool Sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
  switch (ruleIndex) {
  <parser.sempredFuncs.values:{f|
case <f.ruleIndex>: return <f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n">
  }
  return true;
 }
 <sempredFuncs.values; separator="\n">
<endif>
```

```
 <atn>
}
>>


vocabulary(literalNames, symbolicNames) ::= <<
private static readonly string[] _LiteralNames = {
 <literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
};
private static readonly string[] _SymbolicNames = {
 <symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
};
public static readonly IVocabulary DefaultVocabulary = new Vocabulary(_LiteralNames, _SymbolicNames);

[NotNull]
public override IVocabulary Vocabulary
{
 get
 {
  return DefaultVocabulary;
 }
}
>>


dumpActions(recog, argFuncs, actionFuncs, sempredFuncs)
 ::= <<
<if(actionFuncs)>
public override void Action(RuleContext _localctx, int ruleIndex, int actionIndex) {
 switch (ruleIndex) {
 <recog.actionFuncs.values:{f|
case <f.ruleIndex> : <f.name>_action(<if(!recog.modes)>(<f.ctxType>)<endif>_localctx, actionIndex); break;};
separator="\n">
 }
}
<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
public override bool Sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
 switch (ruleIndex) {
 <recog.sempredFuncs.values:{f|
case <f.ruleIndex> : return <f.name>_sempred(<if(!recog.modes)>(<f.ctxType>)<endif>_localctx, predIndex);};
separator="\n">
 }
 return true;
}
<sempredFuncs.values; separator="\n">
<endif>
>>
```

```
parser_ctor(parser) ::= <<
 public <csIdentifier.(parser.name)>(ITokenStream input) : this(input, Console.Out, Console.Error) { }

 public <csIdentifier.(parser.name)>(ITokenStream input, TextWriter output, TextWriter errorOutput)
 : base(input, output, errorOutput)
{
 Interpreter = new ParserATNSimulator(this,
 _ATN, decisionToDFA, sharedContextCache);
}
>>

/* This generates a private method since the actionIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleActionFunction(r, actions) ::= <<
private void <r.name>_action(<r.ctxType> _localctx, int actionIndex) {
 switch (actionIndex) {
 <actions:{index|
case <index>: <actions.(index)> break;}; separator="\n">
 }
 }
>>

/* This generates a private method since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
private bool <r.name>_sempred(<r.ctxType> _localctx, int predIndex) {
 switch (predIndex) {
 <actions:{index|
case <index>: return <actions.(index)>;}; separator="\n">
 }
 return true;
}
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
 ::= <<

<if(ruleCtx)>
<ruleCtx>
<endif>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

[RuleVersion(<namedActions.version;
 null="0">)]
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public <endif><currentRule.ctxType>
<csIdentifier.(currentRule.name)>(<args; separator=", ">) {
```

```
<currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
<csIdentifier.(a.name)>}>);
EnterRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>);
<namedActions.init>
<locals; separator="\n">
try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
}
<if(exceptions)>
<exceptions; separator="\n">
<else>
catch (RecognitionException re) {
 _localctx.exception = re;
 ErrorHandler.ReportError(this, re);
 ErrorHandler.Recover(this, re);
}
<endif>
finally {
 <finallyAction>
 ExitRule();
}
return _localctx;
}
>>

LeftFactoredRuleFunction(currentRule,args,code,locals,namedActions,finallyAction,postamble) ::=
<<

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f>
 }><else>private <endif><currentRule.ctxType> <csIdentifier.(currentRule.name)>(<args; separator=", ">) {
 <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
<csIdentifier.(a.name)>}>);
EnterLeftFactoredRule(_localctx, <currentRule.startState>, RULE_<currentRule.variantOf>);
<namedActions.init>
<locals; separator="\n">
try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
}
```

```
catch (RecognitionException re) {
 _localctx.exception = re;
 ErrorHandler.ReportError(this, re);
 ErrorHandler.Recover(this, re);
 }
 finally {
  <finallyAction>
  ExitRule();
 }
 return _localctx;
 }
 >>


// This behaves similar to RuleFunction (enterRule is called, and no adjustments
// are made to the parse tree), but since it's still a variant no context class
// needs to be generated.
LeftUnfactoredRuleFunction(currentRule,args,code,locals,namedActions,finallyAction,postamble) ::=
<<

<if(currentRule.modifiers)><currentRule.modifiers:{f
| <f> }><else>private <endif><currentRule.ctxType> <csIdentifier.(currentRule.name)>(<args; separator=", ">) {
 <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
<csIdentifier.(a.name)>}>);
 EnterRule(_localctx, <currentRule.startState>, RULE_<currentRule.variantOf>);
 <namedActions.init>
 <locals; separator="\n">
 try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
 }
 catch (RecognitionException re) {
 _localctx.exception = re;
 ErrorHandler.ReportError(this, re);
 ErrorHandler.Recover(this, re);
 }
 finally {
  <finallyAction>
  ExitRule();
 }
 return _localctx;
 }
 >>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
```

```
namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

[RuleVersion(<namedActions.version; null="0">)]
<if(currentRule.modifiers)><currentRule.modifiers:{f
| <f> }><else>public <endif><currentRule.ctxType> <csIdentifier.(currentRule.name)>(<args; separator=", ">) {
 return <csIdentifier.(currentRule.name)>(0<currentRule.args:{a | , <csIdentifier.(a.name)>}>);
}

private <currentRule.ctxType> <csIdentifier.(currentRule.name)>(int _p<args:{a | , <a>}>) {
 ParserRuleContext _parentctx = Context;
 int _parentState = State;
 <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, _parentState<currentRule.args:{a | ,
<csIdentifier.(a.name)>}>);
 <currentRule.ctxType> _prevctx = _localctx;
 int _startState = <currentRule.startState>;
 EnterRecursionRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>, _p);
 <namedActions.init>
 <locals; separator="\n">
 try {
<if(currentRule.hasLookaheadBlock)>
 int _alt;
<endif>
 <code>
 <postamble; separator="\n">
 <namedActions.after>
 }
 catch (RecognitionException re) {
 _localctx.exception = re;
 ErrorHandler.ReportError(this, re);
 ErrorHandler.Recover(this,
re);
 }
 finally {
 <finallyAction>
 UnrollRecursionContexts(_parentctx);
 }
 return _localctx;
}
>>

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = new <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
EnterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
```

```
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
{
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
}
>>

LL1AltBlock(choice, preamble, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<if(choice.label)><labelref(choice.label)> = TokenStream.LT(1);<endif>
<preamble; separator="\n">
switch (TokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n">
default:
 <error>
}
>>

LL1OptionalBlock(choice,
 alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
switch (TokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
 <alt>
 break;}; separator="\n">
default:
 break;
}
>>

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<preamble; separator="\n">
if (<expr>) {
 <alts; separator="\n">
}
<!else if ( !(<followExpr>) ) <error>!>
>>
```

```
LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<preamble; separator="\n">
while (<loopExpr>) {
 <alts; separator="\n">
 State = <choice.loopBackStateNumber>;
 ErrorHandler.Sync(this);
 <iteration>
 }
>>


LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
State = <choice.blockStartStateNumber>;<! alt block decision !>
ErrorHandler.Sync(this);
<preamble; separator="\n">
do {
 <alts; separator="\n">
 State = <choice.stateNumber>;<!
 loopback/exit decision !>
 ErrorHandler.Sync(this);
 <iteration>
 } while ( <loopExpr> );
>>


// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<if(choice.label)><labelref(choice.label)> = TokenStream.LT(1);<endif>
<preamble; separator="\n">
switch ( Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context) ) {
<alts:{alt |
case <i>:
 <alt>
 break;}; separator="\n">
}
>>


OptionalBlock(choice, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
switch ( Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context) ) {
<alts:{alt |
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break;}; separator="\n">
```

```
}
>>

StarBlock(choice, alts, sync, iteration) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
_alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);
while ( _alt!=<choice.exitAlt> && _alt!=global::Antlr4.Runtime.Atn.ATN.INVALID_ALT_NUMBER
 ) {
 if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {
  <iteration>
  <alts> <! should only be one !>
 }
 State = <choice.loopBackStateNumber>;
 ErrorHandler.Sync(this);
 _alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);
}
>>

PlusBlock(choice, alts, error) ::= <<
State = <choice.blockStartStateNumber>;<! alt block decision !>
ErrorHandler.Sync(this);
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
 switch (_alt) {
 <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
 <alt>
 break;}; separator="\n">
 default:
  <error>
 }
 State = <choice.loopBackStateNumber>;<! loopback/exit decision !>
 ErrorHandler.Sync(this);
 _alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);
} while ( _alt!=<choice.exitAlt> && _alt!=global::Antlr4.Runtime.Atn.ATN.INVALID_ALT_NUMBER );
>>

Sync(s) ::= "Sync(<s.expecting.name>);"

ThrowNoViableAlt(t) ::= "throw new NoViableAltException(this);"

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s,
 bits)><else><bitsetInlineComparison(s, bits)><endif>}; separator=" || ">
>>

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
```

```
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>


// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})>) && ((1L \<\< <offsetShift(s.varName, bits.shift)>) &
(<bits.ttypes:{ttype | (1L \<\< <offsetShift(tokenType.(ttype), bits.shift)>)}; separator=" | ">)) != 0)
%>


isZero ::= [
"0":true,
default:false
]


offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>


// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<tokenType.(ttype)>}; separator=" || ">
%>


cases(ttypes)
 ::= <<
<ttypes:{t | case <tokenType.(t)>:}; separator="\n">
>>


InvokeRule(r, argExprsChunks) ::= <<
State = <r.stateNumber>;
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif><csIdentifier.(r.name)>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><arg
ExprsChunks>);
>>


MatchToken(m) ::= <<
State = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>Match(<tokenType.(m.name)>);
>>


MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"


MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"


CommonSetStuff(m, expr, capture, invert) ::= <<
State = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }>TokenStream.LT(1);<endif>
```

```
<capture>
if ( <if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr>) ) {
 <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>ErrorHandler.RecoverInline(this);
}
else {
 ErrorHandler.ReportMatch(this);
  Consume();
}
>>


Wildcard(w) ::= <<
State = <w.stateNumber>;
<if(w.labels)><w.labels:{l
 | <labelref(l)> = }><endif>MatchWildcard();
>>


// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"


ArgAction(a, chunks) ::= "<chunks>"


SemPred(p, chunks, failChunks) ::= <<
State = <p.stateNumber>;
if (!(<chunks>)) throw new FailedPredicateException(this, <p.predicate><if(failChunks)>,
<failChunks><elseif(p.msg)>, <p.msg><endif>);
>>


ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
 <catchAction>
}
>>


// lexer actions are not associated with model objects

LexerSkipCommand()  ::= "Skip();"
LexerMoreCommand()  ::= "More();"
LexerPopModeCommand() ::= "PopMode();"


LexerTypeCommand(arg, grammar)     ::= "_type = <tokenType.(arg)>;"
LexerChannelCommand(arg, grammar)  ::= "_channel = <channelName.(arg)>;"
LexerModeCommand(arg, grammar)     ::= "_mode = <modeName.(arg)>;"
LexerPushModeCommand(arg, grammar) ::= "PushMode(<modeName.(arg)>);"


ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "_localctx.<csIdentifier.(a.name)>"
```

LocalRef(a)
 ::= "_localctx.<csIdentifier.(a.name)>"
RetValueRef(a) ::= "_localctx.<csIdentifier.(a.name)>"
QRetValueRef(a) ::= "<ctx(a)>.<a.dict>.<csIdentifier.(a.name)>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<csIdentifier.(tokenType.(t.name))>"
LabelRef(t) ::= "<ctx(t)>.<csIdentifier.(t.name)>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(csIdentifier.(t.name))>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<csIdentifier.(s.name)> = <rhsChunks>;"

TokenLabelType() ::= "<file.TokenLabelType; null={IToken}>"
InputSymbolType() ::= "<file.InputSymbolType; null={IToken}>"

TokenPropertyRef_text(t) ::= "(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Text:null)"
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Type:0)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Line:0)"
TokenPropertyRef_pos(t) ::=
"(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.CharPositionInLine:0)"
TokenPropertyRef_channel(t)
 ::= "(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Channel:0)"
TokenPropertyRef_index(t) ::=
"(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.TokenIndex:0)"
TokenPropertyRef_int(t) ::=
"(<ctx(t)>.<tokenType.(t.label)>!=null?int.Parse(<ctx(t)>.<tokenType.(t.label)>.Text):0)"

RulePropertyRef_start(r) ::= "(<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.Start):null)"
RulePropertyRef_stop(r) ::= "(<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.Stop):null)"
RulePropertyRef_text(r) ::=
"(<ctx(r)>.<r.label>!=null?TokenStream.GetText(<ctx(r)>.<r.label>.Start,<ctx(r)>.<r.label>.Stop):null)"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "this"

ThisRulePropertyRef_start(r) ::= "_localctx.Start"
ThisRulePropertyRef_stop(r) ::= "_localctx.Stop"
ThisRulePropertyRef_text(r) ::= "TokenStream.GetText(_localctx.Start, TokenStream.LT(-1))"
ThisRulePropertyRef_ctx(r)
 ::= "_localctx"
ThisRulePropertyRef_parser(r) ::= "this"

NonLocalAttrRef(s) ::= <%((<s.ruleName;
format="cap">Context)GetInvokingContext(<s.ruleIndex>)).<csIdentifier.(s.name)>%>
SetNonLocalAttr(s, rhsChunks) ::=
 <%((<s.ruleName; format="cap">Context)GetInvokingContext(<s.ruleIndex>)).<csIdentifier.(s.name)> =
<rhsChunks>;%>

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.Add(<labelref(a.label)>);"

TokenDecl(t) ::= "<TokenLabelType()> <csIdentifier.(tokenType.(t.name))>"

TokenTypeDecl(t) ::= "int <csIdentifier.(tokenType.(t.name))>;"

TokenListDecl(t) ::= "IList\<IToken> <csIdentifier.(tokenType.(t.name))> = new List\<IToken>()"

RuleContextDecl(r) ::= "<r.ctxName> <csIdentifier.(r.name)>"

RuleContextListDecl(rdecl) ::= "IList\<<rdecl.ctxName>> <csIdentifier.(rdecl.name)> = new
List\<<rdecl.ctxName>>()"

contextGetterCollection(elementType) ::= <%
<elementType>[]
%>

ContextTokenGetterDecl(t)   ::=
  "[System.Diagnostics.DebuggerNonUserCode]
 public ITerminalNode <csIdentifier.(tokenType.(t.name))>() { return
GetToken(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>, 0); }"

ContextTokenListGetterDecl(t) ::= <<
[System.Diagnostics.DebuggerNonUserCode] public <contextGetterCollection("ITerminalNode")>
<csIdentifier.(tokenType.(t.name))>() { return
GetTokens(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>); }
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
[System.Diagnostics.DebuggerNonUserCode] public ITerminalNode <csIdentifier.(tokenType.(t.name))>(int i) {
 return GetToken(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>, i);
}
>>

ContextRuleGetterDecl(r)   ::= <<
[System.Diagnostics.DebuggerNonUserCode] public <r.ctxName> <csIdentifier.(r.name)>() {
 return GetRuleContext\<<r.ctxName>\>(0);
}
>>

ContextRuleListGetterDecl(r)   ::= <<
[System.Diagnostics.DebuggerNonUserCode] public <contextGetterCollection({<r.ctxName>})>
<csIdentifier.(r.name)>() {
 return GetRuleContexts\<<r.ctxName>\>();
}
>>

ContextRuleListIndexedGetterDecl(r)
  ::= <<
[System.Diagnostics.DebuggerNonUserCode] public <r.ctxName> <csIdentifier.(r.name)>(int i) {
 return GetRuleContext\<<r.ctxName>\>(i);
}
>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

```
ImplicitTokenLabel(tokenName) ::= "_<tokenType.(tokenName)>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)    ::= "_tset<id>"
ListLabelName(label)    ::= "_<label>"


CaptureNextToken(d) ::= "<d.varName> = TokenStream.LT(1);"
CaptureNextTokenType(d) ::= "<d.varName> = TokenStream.LA(1);"


StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers,
        superClass={ParserRuleContext}) ::= <<
public partial class <struct.name> :
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)>, <interfaces;
separator=", "><endif>
 {
 <attrs:{a | public <a>;}; separator="\n">
 <getters:{g | <g>}; separator="\n">
 <if(ctorAttrs)>public <struct.name>(ParserRuleContext parent, int invokingState) : base(parent, invokingState) {
}<endif>
 public <struct.name>(ParserRuleContext parent, int invokingState<ctorAttrs:{a | , <a>}>)
  : base(parent, invokingState)
 {
  <struct.ctorAttrs:{a | this.<csIdentifier.(a.name)> = <csIdentifier.(a.name)>;}; separator="\n">
 }
 public override int RuleIndex { get { return RULE_<struct.derivedFromName>; } }
<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
 public <struct.name>() { }
 public virtual void CopyFrom(<struct.name> context) {
  base.CopyFrom(context);
  <struct.attrs:{a | this.<csIdentifier.(a.name)> = context.<csIdentifier.(a.name)>;}; separator="\n">
 }
<endif>
 <dispatchMethods; separator="\n">
 <extensionMembers; separator="\n">
}
>>


AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
public partial class <struct.name> : <currentRule.name;
format="cap">Context {
<attrs:{a | public <a>;}; separator="\n">
<getters:{g | <g>}; separator="\n">
 public <struct.name>(<currentRule.name; format="cap">Context context) { CopyFrom(context); }
 <dispatchMethods; separator="\n">
}
>>


ListenerDispatchMethod(method) ::= <<
```

```
[System.Diagnostics.DebuggerNonUserCode]
public override void <if(method.isEnter)>Enter<else>Exit<endif>Rule(IParseTreeListener listener) {
 I<parser.grammarName>Listener typedListener = listener as I<parser.grammarName>Listener;
 if (typedListener != null) typedListener.<if(method.isEnter)>Enter<else>Exit<endif><struct.derivedFromName;
format="cap">(this);
}
>>


VisitorDispatchMethod(method) ::= <<
[System.Diagnostics.DebuggerNonUserCode]
public override TResult Accept\<TResult>(IParseTreeVisitor\<TResult> visitor) {
 I<parser.grammarName>Visitor\<TResult> typedVisitor = visitor as I<parser.grammarName>Visitor\<TResult>;
 if (typedVisitor != null) return typedVisitor.Visit<struct.derivedFromName; format="cap">(this);
 else
 return visitor.VisitChildren(this);
}
>>


AttributeDecl(d) ::= "<d.type> <csIdentifier.(d.name)><if(d.initValue)> = <d.initValue><endif>"


/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)><typedContext(x.ctx)>.<endif><csIdentifier.(x.name)>"


/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "<typedContext(actionChunk.ctx)>"


// only casts _localctx to the type when the cast isn't redundant (i.e. to a sub-context for a labeled alt)
typedContext(ctx) ::= "<if(ctx.provideCopyFrom)>((<ctx.name>)_localctx)<else>_localctx<endif>"


// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec)  ::= "Precpred(Context, <opPrec>)"
recRuleSetReturnAction(src,name)   ::= "$<name>=$<src>.<name>;"
recRuleSetStopToken()          ::= "Context.Stop = TokenStream.LT(-1);"


recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
_localctx = new <ctxName>Context(_parentctx,
 _parentState);
<if(label)>
<if(isListLabel)>
_localctx.<label>.Add(_prevctx);
<else>
_localctx.<label> = _prevctx;
<endif>
<endif>
PushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>


recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
```

```
_localctx = new <currentAltLabel; format="cap">Context(new <ruleName; format="cap">Context(_parentctx,
_parentState));
<if(label)>
<if(isListLabel)>
((<currentAltLabel; format="cap">Context)_localctx).<label>.Add(_prevctx);
<else>
((<currentAltLabel; format="cap">Context)_localctx).<label> = _prevctx;
<endif>
<endif>
PushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>


recRuleReplaceContext(ctxName) ::= <<
_localctx = new <ctxName>Context(_localctx);
Context = _localctx;
_prevctx = _localctx;
>>


recRuleSetPrevCtx() ::= <<
if ( ParseListeners!=null )
 TriggerExitRuleEvent();
_prevctx = _localctx;
>>



LexerFile(file, lexer, namedActions) ::= <<
<fileHeader(file.grammarFileName,
 file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<namedActions.header>
using System;
using System.IO;
using System.Text;
using Antlr4.Runtime;
using Antlr4.Runtime.Atn;
using Antlr4.Runtime.Misc;
using DFA = Antlr4.Runtime.Dfa.DFA;

<lexer>
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
```

```
[System.CLSCompliant(false)]
public partial class <csIdentifier.(lexer.name)> : <superClass; null="Lexer"> {
protected static DFA[] decisionToDFA;
protected static PredictionContextCache sharedContextCache = new PredictionContextCache();
<if(lexer.tokens)>
public const int
 <lexer.tokens:{k | <tokenType.(k)>=<lexer.tokens.(k)>}; separator=", ", wrap, anchor>;
<endif>
<if(lexer.channels)>
public const int
 <lexer.channels:{k | <csIdentifier.(k)>=<lexer.channels.(k)>}; separator=", ", wrap, anchor>;
<endif>
<if(rest(lexer.modes))>
public
const int
 <rest(lexer.modes):{m | <m>=<i>}; separator=", ", wrap, anchor>;
<endif>
public static string[] channelNames = {
 "DEFAULT_TOKEN_CHANNEL", "HIDDEN"<if (lexer.channels)>, <lexer.channels:{c| "<c>"}; separator=", ",
wrap, anchor><endif>
};

public static string[] modeNames = {
 <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor>
};

public static readonly string[] ruleNames = {
 <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
};

<namedActions.members>

public <csIdentifier.(lexer.name)>(ICharStream input)
: this(input, Console.Out, Console.Error) { }

public <csIdentifier.(lexer.name)>(ICharStream input, TextWriter output, TextWriter errorOutput)
: base(input, output, errorOutput)
{
 Interpreter = new LexerATNSimulator(this, _ATN, decisionToDFA, sharedContextCache);
}

<vocabulary(lexer.literalNames, lexer.symbolicNames)>

public override string GrammarFileName { get { return "<lexer.grammarFileName>"; } }

public
override string[] RuleNames { get { return ruleNames; } }
```

```
public override string[] ChannelNames { get { return channelNames; } }

public override string[] ModeNames { get { return modeNames; } }

public override string SerializedAtn { get { return new string(_serializedATN); } }

static <csIdentifier.(lexer.name)>() {
 decisionToDFA = new DFA[_ATN.NumberOfDecisions];
 for (int i = 0; i \< _ATN.NumberOfDecisions; i++) {
  decisionToDFA[i] = new DFA(_ATN.GetDecisionState(i), i);
 }
}
<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>
}
>>


SerializedATN(model) ::= <<
private static char[] _serializedATN = {
 <model.serialized; separator=", ", wrap>,
};

public static readonly ATN _ATN =
 new ATNDeserializer().Deserialize(_serializedATN);


>>

initValue(typeName) ::= <<
default(<typeName>)
>>

codeFileExtension() ::= ".cs"

modeName ::= [
 "DEFAULT_MODE" : "DefaultMode",
 default : key
]

channelName ::= [
 "HIDDEN" : "Hidden",
 "DEFAULT_TOKEN_CHANNEL" : "DefaultTokenChannel",
 default
 : key
]

tokenType ::= [
```

```
"EOF" : "Eof",
default : key
]

csIdentifier ::= [
"abstract" : "@abstract",
"as" : "@as",
"base" : "@base",
"bool" : "@bool",
"break" : "@break",
"byte" : "@byte",
"case" : "@case",
"catch" : "@catch",
"char" : "@char",
"checked" : "@checked",
"class" : "@class",
"const" : "@const",
"continue" : "@continue",
"decimal" : "@decimal",
"default" : "@default",
"delegate" : "@delegate",
"do" : "@do",
"double" : "@double",
"else" : "@else",
"enum" : "@enum",
"event" : "@event",
"explicit" : "@explicit",
"extern" : "@extern",
"false" : "@false",
"finally" : "@finally",
"fixed" : "@fixed",
"float" : "@float",
"for" : "@for",
"foreach" : "@foreach",
"goto" : "@goto",
"if" : "@if",
"implicit" : "@implicit",
"in" : "@in",
"int" : "@int",
"interface" : "@interface",
"internal" : "@internal",
"is" : "@is",
"lock" : "@lock",
"long" : "@long",
"namespace" : "@namespace",
"new" : "@new",
"null" : "@null",
"object"
```

```
: "@object",
"operator" : "@operator",
"out" : "@out",
"override" : "@override",
"params" : "@params",
"private" : "@private",
"protected" : "@protected",
"public" : "@public",
"readonly" : "@readonly",
"ref" : "@ref",
"return" : "@return",
"sbyte" : "@sbyte",
"sealed" : "@sealed",
"short" : "@short",
"sizeof" : "@sizeof",
"stackalloc" : "@stackalloc",
"static" : "@static",
"string" : "@string",
"struct" : "@struct",
"switch" : "@switch",
"this" : "@this",
"throw" : "@throw",
"true" : "@true",
"try" : "@try",
"typeof" : "@typeof",
"uint" : "@uint",
"ulong" : "@ulong",
"unchecked" : "@unchecked",
"unsafe" : "@unsafe",
"ushort" : "@ushort",
"using" : "@using",
"virtual" : "@virtual",
"values" : "@values",
"void" : "@void",
"volatile" : "@volatile",
"while" : "@while",
default : key
]
```

Found in path(s):
* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-
jar/org/antlr/v4/tool/templates/codegen/CSharp/CSharp.stg
No license file was found, but licenses were detected in source scan.

```
/*
* [The "BSD license"]
*  Copyright (c) 2012-2016 Terence Parr
*  Copyright (c) 2012-2016 Sam Harwell
```

```
lexer grammar ActionSplitter;

options { filter=true; }

@header {
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
}

@members {
ActionSplitterListener delegate;

public ActionSplitter(CharStream input, ActionSplitterListener delegate) {
  this(input, new RecognizerSharedState());
  this.delegate = delegate;
}

/** force filtering
 (and return tokens). triggers all above actions. */
public List<Token> getActionTokens() {
```

```
    List<Token> chunks = new ArrayList<Token>();
    Token t = nextToken();
    while ( t.getType()!=Token.EOF ) {
        chunks.add(t);
        t = nextToken();
    }
    return chunks;
}

private boolean isIDStartChar(int c) {
  return c == '_' || Character.isLetter(c);
}
}
```

// ignore comments right away

COMMENT
   : '/*' (options {greedy=false;} : .)* '*/' {delegate.text($text);}
   ;

LINE_COMMENT
   : '//' ~('\n'|'\r')* '\r'? '\n' {delegate.text($text);}
   ;

SET_NONLOCAL_ATTR
 : '$' x=ID '::' y=ID WS? '=' expr=ATTR_VALUE_EXPR ';'
   {
   delegate.setNonLocalAttr($text, $x, $y, $expr);
   }
 ;

NONLOCAL_ATTR
 : '$' x=ID '::' y=ID {delegate.nonLocalAttr($text, $x, $y);}
 ;

QUALIFIED_ATTR
 : '$' x=ID '.' y=ID {input.LA(1)!='('}? {delegate.qualifiedAttr($text, $x, $y);}
 ;

SET_ATTR
 : '$' x=ID WS? '=' expr=ATTR_VALUE_EXPR ';'
   {
   delegate.setAttr($text, $x, $expr);
   }
 ;

ATTR
 : '$'
```

```
 x=ID {delegate.attr($text, $x);}
 ;

// Anything else is just random text
TEXT
@init {StringBuilder buf = new StringBuilder();}
@after {delegate.text(buf.toString());}
 : ( c=~('\\'| '$') {buf.append((char)$c);}
 | '\\$' {buf.append('$');}
 | '\\' c=~('$') {buf.append('\\').append((char)$c);}
 | {!isIDStartChar(input.LA(2))}? => '$' {buf.append('$');}
 )+
 ;

fragment
ID  : ('a'..'z'|'A'..'Z'|'_') ('a'..'z'|'A'..'Z'|'0'..'9'|'_')*
  ;

/** Don't allow an = as first char to prevent $x == 3; kind of stuff. */
fragment
ATTR_VALUE_EXPR
 : ~'=' (~';')*
 ;

fragment
WS : (' '|'\t'|'\n'|'\r')+
 ;
```

Found in path(s):

* /opt/cola/permits/1300428068_1649144266.79/0/antlr4-4-9-2-sources-jar/org/antlr/v4/parse/ActionSplitter.g

1.254 aws-java-sdk-utilities 2.16.85

1.254.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****

THIRD PARTY COMPONENTS
****

This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-
2010 AOL Inc.

- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
Apache Commons Lang
Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

   "License" shall mean the terms and conditions for use, reproduction,
   and distribution as defined by Sections 1 through 9 of this document.

   "Licensor" shall mean the copyright owner or entity authorized by
   the copyright owner that is granting the License.

   "Legal Entity" shall mean the union of the acting entity and all
   other entities that control, are controlled by, or are under common
   control with that entity. For the purposes of this definition,
   "control" means (i) the power, direct or indirect, to cause the
   direction or management of such entity, whether by contract or
   otherwise, or (ii) ownership of fifty percent (50%) or more of the
   outstanding shares, or (iii) beneficial ownership
of such entity.

   "You" (or "Your") shall mean an individual or Legal Entity
   exercising permissions granted by this License.

   "Source" form shall mean the preferred form for making modifications,
   including but not limited to software source code, documentation
   source, and configuration files.

   "Object" form shall mean any form resulting from mechanical
   transformation or translation of a Source form, including but
   not limited to compiled object code, generated documentation,
   and conversions to other media types.

   "Work" shall mean the work of authorship, whether in Source or

Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You

institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,

reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability

incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

  http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.
Such other license terms will then apply in lieu of the terms of the software license above.

1.255 commons-compress 1.21.0.redhat-00001

1.255.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent

to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License,
each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works

that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the

content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
   whether in tort (including negligence), contract, or otherwise,
   unless required by applicable law (such as deliberate and grossly
   negligent acts) or agreed to in writing, shall any Contributor be
   liable to You for damages, including any direct,
indirect, special,
   incidental, or consequential damages of any character arising as a
   result of this License or out of the use or inability to use the
   Work (including but not limited to damages for loss of goodwill,
   work stoppage, computer failure or malfunction, or any and all
   other commercial damages or losses), even if such Contributor
   has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
   the Work or Derivative Works thereof, You may choose to offer,
   and charge a fee for, acceptance of support, warranty, indemnity,
   or other liability obligations and/or rights consistent with this
   License. However, in accepting such obligations, You may act only
   on Your own behalf and on Your sole responsibility, not on behalf
   of any other Contributor, and only if You agree to indemnify,
   defend, and hold each Contributor harmless for any liability
    incurred by, or claims asserted against, such Contributor by reason
   of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

   To apply the Apache License to your work, attach the following
   boilerplate notice, with the fields enclosed by brackets "[]"
   replaced with your own identifying information. (Don't include
   the brackets!) The text should be enclosed in the appropriate
   comment syntax for the file format. We also recommend that a
   file or class name and description of purpose be included on the
   same "printed page" as the copyright notice for easier
   identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.

You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
 distributed under the License is distributed on an "AS IS" BASIS,
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 See the License for the specific language governing permissions and
 limitations under the License.
Apache Commons Compress
Copyright 2002-2021 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

The files in the package org.apache.commons.compress.archivers.sevenz
were derived from the LZMA SDK, version 9.20 (C/ and CPP/7zip/),
which has been placed in the public domain:

"LZMA SDK is placed in the public domain." (http://www.7-zip.org/sdk.html)

The test file lbzip2_32767.bz2 has been copied from libbzip2's source
repository:

This program, "bzip2", the associated library "libbzip2", and all
documentation, are copyright (C) 1996-2019 Julian R Seward. All
rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.

2. The origin of this software must not be misrepresented;
 you must
   not claim that you wrote the original software. If you use this
   software in a product, an acknowledgment in the product
   documentation would be appreciated but is not required.

3. Altered source versions must be plainly marked as such, and must
   not be misrepresented as being the original software.

4. The name of the author may not be used to endorse or promote
 products derived from this software without specific prior written
 permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER
 IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Julian Seward, jseward@acm.org

1.256 jersey-media-json-jackson 2.35
1.256.1 Available under license :

Notice for Jersey Json Jackson module
This content is produced and maintained by the Eclipse Jersey project.

* https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:

EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Jackson JAX-RS Providers version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.
# Notice for Jersey
This content is produced and maintained by the Eclipse Jersey project.

* Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For
more information regarding authorship of content, please consult the listed
source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for such
availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU
General Public License, version 2 with the GNU Classpath Exception which is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Angular JS, v1.6.6

* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org
* Coyright: (c) 2010-2017 Google, Inc.

aopalliance Version 1
* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net
* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2
* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/
* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap
 v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4
* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3
* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
*
 Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public
domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)
* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)
* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright
 (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology,
Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Eclipse Public License - v 2.0

    THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
    PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
    OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

  1. DEFINITIONS

  "Contribution" means:

a) in the case of the initial Contributor, the initial content
   Distributed under this Agreement, and

b) in the case of each subsequent Contributor:
   i) changes to the Program, and
   ii) additions to the Program;
where such changes and/or additions to the Program originate from
and are Distributed by that particular Contributor. A Contribution
"originates" from a Contributor if it was added to the Program by
such Contributor itself or anyone acting on such Contributor's behalf.
Contributions do not include changes or additions to the Program that
are not Modified Works.

"Contributor" means any person or entity
that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which
are necessarily infringed by the use or sale of its Contribution alone
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this
Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity any new file
in Source Code form that
contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free
copyright
license to reproduce, prepare Derivative Works of, publicly display,
publicly perform, Distribute and sublicense the Contribution of such
Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby
grants Recipient a non-exclusive, worldwide, royalty-free patent
license under Licensed Patents to make, use, sell, offer to sell,
import and otherwise transfer the Contribution of such Contributor,
if any, in Source Code or other form. This patent license shall
apply to the combination of the Contribution and the Program if, at
the time the Contribution is added by the Contributor, such addition
of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution. No hardware per se is
licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its knowledge it has
sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than

those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:
  i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

  ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

  iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

  iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in
a separate file or
files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent,

trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program
in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of
such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS
AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR

IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
 EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and

may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel
or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.
No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A
is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular
file, then You may include the notice in a location (such as a LICENSE
file in a relevant directory) where a recipient would be likely
to
look for such a notice.

You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335

USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will

individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at
all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of running
the Program is not restricted,
and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications
or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in

whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how
to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections 1
and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your cost
of

physically performing source distribution, a complete

    machine-readable copy of the corresponding source code, to be

    distributed under the terms of Sections 1 and 2 above on a medium

    customarily used for software interchange; or,

    c) Accompany it with the information you received as to the offer to

    distribute corresponding source code. (This alternative is allowed

    only for noncommercial distribution and only if you received the

    program in object code or executable form with such an offer, in

    accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed
need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all
its terms and conditions for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the

Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
 certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new

versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software
Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.

This
program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show w'
and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
 General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent
modules, and to copy and distribute the resulting executable under
terms of your choice, provided that you also meet, for each linked
independent module, the terms and conditions of the license of that
module. An independent module is a module which is not derived from or
based on this library. If you modify this library, you may extend this
exception to your version of the library, but you are not obligated to
do so. If
 you do not wish to do so, delete this exception statement
 from your version.

1.257 aws-java-sdk-http-clients-netty-non-blocking-i-o 2.16.85
1.257.1 Available under license :

AWS SDK for Java 2.0
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Technologies, Inc (http://www.amazon.com/).

****

THIRD PARTY COMPONENTS
****
This software includes third party software subject to the following copyrights:
- XML parsing and utility functions from JetS3t - Copyright 2006-2009 James Murty.
- PKCS#1 PEM encoded private key parsing and utility functions from oauth.googlecode.com - Copyright 1998-2010 AOL Inc.
- Apache Commons Lang - https://github.com/apache/commons-lang
- Netty Reactive Streams - https://github.com/playframework/netty-reactive-streams

The licenses for these third party components are included in LICENSE.txt

- For Apache Commons Lang see also this required NOTICE:
Apache Commons Lang
Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
   this License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable
   copyright license to reproduce, prepare Derivative Works of,
   publicly display, publicly perform, sublicense, and distribute the
   Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
   this
License, each Contributor hereby grants to You a perpetual,
   worldwide, non-exclusive, no-charge, royalty-free, irrevocable

(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of
the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its
distribution, then any Derivative Works that You distribute must
include a readable copy of the attribution notices contained
within such NOTICE file, excluding
those notices that do not
pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed
as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative Works; or,
within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The contents
of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own attribution
notices within Derivative Works that You distribute, alongside
or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed
as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer,

and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   http://www.apache.org/licenses/LICENSE-2.0

 Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Note: Other license terms may apply to certain, identified software files contained within or distributed
with the accompanying software if such terms are included in the directory containing the accompanying software.
Such other license terms will then apply in lieu of the terms of the software license above.

1.258 netty-transport-native-unix-common 4.1.69.Final

1.258.1 Available under license :

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2014 The Netty Project
*
* The Netty Project licenses this file to you under the Apache License,
* version 2.0 (the "License"); you may not use this file except in compliance
* with the License. You may obtain a copy of the License at:
*
*   https://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*/

Found in path(s):
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/package-info.java
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/UnixChannelOption.java
*
 /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/Unix.java
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/IovArray.java
No license file was found, but licenses were detected in source scan.

~ Copyright 2016 The Netty Project
 ~
 ~ The Netty Project licenses this file to you under the Apache License,
 ~ version 2.0 (the "License"); you may not use this file except in compliance
 ~ with the License. You may obtain a copy of the License at:
 ~
 ~   https://www.apache.org/licenses/LICENSE
2.0
 ~
 ~ Unless required by applicable law or agreed to in writing, software
 ~ distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
 ~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
 ~ License for the specific language governing permissions and limitations
 ~ under the License.

Found in path(s):
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-

jar/META-INF/maven/io.netty/netty-transport-native-unix-common/pom.xml

No license file was found, but licenses were detected in source scan.

```
/*
 * Copyright 2018 The Netty Project
 *
 * The Netty Project licenses this file to you under the Apache License,
 * version 2.0 (the "License"); you may not use this file except in compliance
 * with the License. You may obtain a copy of the License at:
 *
 *   https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
 * WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
 * License for the specific language governing permissions and limitations
 * under the License.
 */
```

Found in path(s):

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/Buffer.java
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/PreferredDirectByteBufAllocator.java
*
 /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/netty_unix_buffer.h
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/netty_unix_buffer.c

No license file was found, but licenses were detected in source scan.

```
/*
 * Copyright 2021 The Netty Project
 *
 * The Netty Project licenses this file to you under the Apache License,
 * version 2.0 (the "License"); you may not use this file except in compliance
 * with the License. You may obtain a copy of the License at:
 *
 *   https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
 * WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
 * License for the specific language governing permissions and limitations
 * under the License.
 */
```

Found in path(s):

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/DomainDatagramSocketAddress.java

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/DomainDatagramPacket.java

*
 /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/SegmentedDatagramPacket.java

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/DomainDatagramChannel.java

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/DomainDatagramChannelConfig.java

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2017 The Netty Project
*
* The Netty Project licenses this file to you under the Apache License,
* version 2.0 (the "License"); you may not use this file except in compliance
* with the License. You may obtain a copy of the License at:
*
*   https://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/UnixChannelUtil.java

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/netty_unix_jni.h

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2020 The Netty Project
*
* The Netty Project licenses this file to you under the Apache License,
* version 2.0 (the "License"); you may not use this file except in compliance
* with the License. You may obtain a copy of the License at:
*
*   https://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
```

* License for the specific language governing permissions and limitations

* under the License.

*/

Found in path(s):

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/netty_unix.h

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/netty_unix.c

No license file was found, but licenses were detected in source scan.

/*

* Copyright 2016 The Netty Project

*

* The Netty Project licenses this file to you under the Apache License,

* version 2.0 (the "License"); you may not use this file except in compliance

* with the License. You may obtain a copy of the License at:

*

*   https://www.apache.org/licenses/LICENSE-2.0

*

* Unless required by applicable law or agreed to in writing, software

* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

* License for the specific language governing permissions and limitations

* under the License.

*/

Found in path(s):

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/Limits.java

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/netty_unix_limits.h

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/netty_unix_limits.c

*

 /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/PeerCredentials.java

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/netty_unix_util.c

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/netty_unix_util.h

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/SocketWritableByteChannel.java

No license file was found, but licenses were detected in source scan.

/*
* Copyright 2015 The Netty Project
*
* The Netty Project licenses this file to you under the Apache License,
* version 2.0 (the "License"); you may not use this file except in compliance
* with the License. You may obtain a copy of the License at:
*
*   https://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*/

Found in path(s):
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/netty_unix_errors.h
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/io/netty/channel/unix/DomainSocketChannelConfig.java
*
 /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/io/netty/channel/unix/NativeInetAddress.java
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/netty_unix_filedescriptor.h
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/netty_unix_socket.c
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/netty_unix_errors.c
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/io/netty/channel/unix/DomainSocketAddress.java
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/io/netty/channel/unix/UnixChannel.java
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/netty_unix_filedescriptor.c
*
 /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/io/netty/channel/unix/ServerDomainSocketChannel.java
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/io/netty/channel/unix/FileDescriptor.java
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/io/netty/channel/unix/DomainSocketChannel.java
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-
jar/io/netty/channel/unix/Errors.java
* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-

jar/io/netty/channel/unix/DomainSocketReadMode.java

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/netty_unix_socket.h

* /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/Socket.java

*

 /opt/cola/permits/1300428060_1649144389.22/0/netty-transport-native-unix-common-4-1-69-final-sources-1-jar/io/netty/channel/unix/DatagramSocketAddress.java

1.259 dropwizard-configuration-support 2.0.25

1.259.1 Available under license :

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership
of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but

not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial
revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
 and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this
License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,

where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

 4. Redistribution. You may reproduce and distribute
copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

  (a) You must give any other recipients of the Work or
      Derivative Works a copy of this License; and

  (b) You must cause any modified files to carry prominent notices
      stating that You changed the files; and

  (c) You must retain, in the Source form of any Derivative Works
      that You distribute, all copyright, patent, trademark, and
      attribution notices from the Source form of the Work,
      excluding those notices that do not pertain to any part of
      the Derivative Works; and

  (d) If the Work includes a "NOTICE" text file as part of its
      distribution, then any Derivative Works that You distribute must
      include a readable copy of the attribution notices contained
      within such NOTICE file, excluding
those notices that do not
      pertain to any part of the Derivative Works, in at least one
      of the following places: within a NOTICE text file distributed
      as part of the Derivative Works; within the Source form or
      documentation, if provided along with the Derivative Works; or,
      within a display generated by the Derivative Works, if and
      wherever such third-party notices normally appear. The contents
      of the NOTICE file are for informational purposes only and
      do not modify the License. You may add Your own attribution
      notices within Derivative Works that You distribute, alongside
      or as an addendum to the NOTICE text from the Work, provided
      that such additional attribution notices cannot be construed
      as modifying the License.

  You may add Your own copyright statement to Your modifications and

may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the
content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct,
indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this

License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
 incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]"
replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2020 Dropwizard Team

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
 You may obtain a copy of
 the License at

    http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.260 jersey-media-multipart 2.35
1.260.1 Available under license :

Notice for Jersey
This content is produced and maintained by the Eclipse Jersey project.

* Project home: https://projects.eclipse.org/projects/ee4j.jersey

Trademarks
Eclipse Jersey is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier:
 EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

Source Code
The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jersey

Third-party Content

Angular JS, v1.6.6
* License MIT (http://www.opensource.org/licenses/mit-license.php)
* Project: http://angularjs.org
* Coyright: (c) 2010-2017 Google, Inc.

aopalliance Version 1
* License: all the source code provided by AOP Alliance is Public Domain.
* Project: http://aopalliance.sourceforge.net
* Copyright: Material in the public domain is not protected by copyright

Bean Validation API 2.0.2
* License: Apache License, 2.0
* Project: http://beanvalidation.org/1.1/
* Copyright: 2009, Red Hat, Inc. and/or its affiliates, and individual contributors
* by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final
* License: Apache License, 2.0
* Project: https://beanvalidation.org/
* Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap

v3.3.7
* License: MIT license (https://github.com/twbs/bootstrap/blob/master/LICENSE)
* Project: http://getbootstrap.com
* Copyright: 2011-2016 Twitter, Inc

Google Guava Version 18.0
* License: Apache License, 2.0
* Copyright (C) 2009 The Guava Authors

javax.inject Version: 1
* License: Apache License, 2.0
* Copyright (C) 2009 The JSR-330 Expert Group

Javassist Version 3.25.0-GA
* License: Apache License, 2.0
* Project: http://www.javassist.org/
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

Jackson JAX-RS Providers Version 2.10.1
* License: Apache License, 2.0
* Project: https://github.com/FasterXML/jackson-jaxrs-providers
* Copyright: (c) 2009-2011 FasterXML, LLC. All rights reserved unless otherwise indicated.

jQuery v1.12.4
* License: jquery.org/license
* Project: jquery.org
* Copyright: (c) jQuery Foundation

jQuery Barcode plugin 0.3
* License: MIT & GPL (http://www.opensource.org/licenses/mit-license.php &
http://www.gnu.org/licenses/gpl.html)
*
 Project: http://www.pasella.it/projects/jQuery/barcode
* Copyright: (c) 2009 Antonello Pasella antonello.pasella@gmail.com

JSR-166 Extension - JEP 266
* License: CC0
* No copyright
* Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public
domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

KineticJS, v4.7.1
* License: MIT license (http://www.opensource.org/licenses/mit-license.php)
* Project: http://www.kineticjs.com, https://github.com/ericdrowell/KineticJS
* Copyright: Eric Rowell

org.objectweb.asm Version 8.0
* License: Modified BSD (http://asm.objectweb.org/license.html)

* Copyright (c) 2000-2011 INRIA, France Telecom. All rights reserved.

org.osgi.core version 6.0.0
* License: Apache License, 2.0
* Copyright (c) OSGi Alliance (2005, 2008). All Rights Reserved.

org.glassfish.jersey.server.internal.monitoring.core
* License: Apache License, 2.0
* Copyright
 (c) 2015-2018 Oracle and/or its affiliates. All rights reserved.
* Copyright 2010-2013 Coda Hale and Yammer, Inc.

W3.org documents
* License: W3C License
* Copyright: Copyright (c) 1994-2001 World Wide Web Consortium, (Massachusetts Institute of Technology,
Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/
Eclipse Public License - v 2.0

    THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE
    PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION
    OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

 1. DEFINITIONS

  "Contribution" means:

   a) in the case of the initial Contributor, the initial content
      Distributed under this Agreement, and

   b) in the case of each subsequent Contributor:
      i) changes to the Program, and
      ii) additions to the Program;
    where such changes and/or additions to the Program originate from
    and are Distributed by that particular Contributor. A Contribution
    "originates" from a Contributor if it was added to the Program by
    such Contributor itself or anyone acting on such Contributor's behalf.
    Contributions do not include changes or additions to the Program that
    are not Modified Works.

  "Contributor" means any person or entity
 that Distributes the Program.

  "Licensed Patents" mean patent claims licensable by a Contributor which
  are necessarily infringed by the use or sale of its Contribution alone
  or when combined with the Program.

  "Program" means the Contributions Distributed in accordance with this

Agreement.

"Recipient" means anyone who receives the Program under this Agreement
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other
form, that is based on (or derived from) the Program and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that
results from an addition to, deletion from, or modification of the
contents of the Program, including, for purposes of clarity any new file
in Source Code form that
contains any contents of the Program. Modified
Works shall not include works that contain only declarations,
interfaces, types, classes, structures, or files of the Program solely
in each case in order to link to, bind by name, or subclass the Program
or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available
in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making
modifications, including but not limited to software source code,
documentation source, and configuration files.

"Secondary License" means either the GNU General Public License,
Version 2.0, or any later versions of that license, including any
exceptions or additional permissions as identified by the initial
Contributor.

2. GRANT OF RIGHTS

   a) Subject to the terms of this Agreement, each Contributor hereby
   grants Recipient a non-exclusive, worldwide, royalty-free
copyright
   license to reproduce, prepare Derivative Works of, publicly display,
   publicly perform, Distribute and sublicense the Contribution of such
   Contributor, if any, and such Derivative Works.

   b) Subject to the terms of this Agreement, each Contributor hereby
   grants Recipient a non-exclusive, worldwide, royalty-free patent
   license under Licensed Patents to make, use, sell, offer to sell,
   import and otherwise transfer the Contribution of such Contributor,
   if any, in Source Code or other form. This patent license shall
   apply to the combination of the Contribution and the Program if, at
   the time the Contribution is added by the Contributor, such addition

of the Contribution causes such combination to be covered by the
Licensed Patents. The patent license shall not apply to any other
combinations which include the Contribution. No hardware per se is
licensed hereunder.

c) Recipient understands
that although each Contributor grants the
licenses to its Contributions set forth herein, no assurances are
provided by any Contributor that the Program does not infringe the
patent or other intellectual property rights of any other entity.
Each Contributor disclaims any liability to Recipient for claims
brought by any other entity based on infringement of intellectual
property rights or otherwise. As a condition to exercising the
rights and licenses granted hereunder, each Recipient hereby
assumes sole responsibility to secure any other intellectual
property rights needed, if any. For example, if a third party
patent license is required to allow Recipient to Distribute the
Program, it is Recipient's responsibility to acquire that license
before distributing the Program.

d) Each Contributor represents that to its knowledge it has
sufficient copyright rights in its Contribution, if any, to grant

the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no
Contributor makes additional grants to any Recipient (other than
those set forth in this Agreement) as a result of such Recipient's
receipt of the Program under the terms of a Secondary License
(if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in
accordance with section 3.2, and the Contributor must accompany
the Program with a statement that the Source Code for the Program
is available under this Agreement, and informs Recipients how to
obtain it in a reasonable manner on or through a medium customarily
used for software exchange; and

b) the Contributor may Distribute the Program under a license
different than this Agreement, provided that such license:
   i) effectively disclaims on behalf of all other Contributors all
   warranties and conditions, express and implied, including
   warranties or conditions of title and non-infringement, and
   implied warranties or conditions of merchantability and fitness

for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all
liability for damages, including direct, indirect, special,
incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights
in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any
party to be under a license that satisfies the requirements
of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the
Program (i) is combined with other material in
a separate file or
files made available under a Secondary License, and (ii) the initial
Contributor attached to the Source Code the notice described in
Exhibit A of this Agreement, then the Program may be made available
under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of
the Program.

3.3 Contributors may not remove or alter any copyright, patent,
trademark, attribution notices, disclaimers of warranty, or limitations
of liability ("notices") contained within the Program from any copy of
the Program which they Distribute, provided that Contributors may add
their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities
with respect to end users, business partners and the like. While this
license is intended to facilitate the commercial use of the Program,
the Contributor who includes
the Program in a commercial product
offering should do so in a manner which does not create potential
liability for other Contributors. Therefore, if a Contributor includes
the Program in a commercial product offering, such Contributor
("Commercial Contributor") hereby agrees to defend and indemnify every
other Contributor ("Indemnified Contributor") against any losses,
damages and costs (collectively "Losses") arising from claims, lawsuits
and other legal actions brought by a third party against the Indemnified
Contributor to the extent caused by the acts or omissions of such
Commercial Contributor in connection with its distribution of the Program

in a commercial product offering. The obligations in this section do not
apply to any claims or Losses relating to any actual or alleged
intellectual property infringement. In order to qualify, an Indemnified
Contributor must: a) promptly notify the Commercial Contributor in
writing of
such claim, and b) allow the Commercial Contributor to control,
and cooperate with the Commercial Contributor in, the defense and any
related settlement negotiations. The Indemnified Contributor may
participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial
product offering, Product X. That Contributor is then a Commercial
Contributor. If that Commercial Contributor then makes performance
claims, or offers warranties related to Product X, those performance
claims and warranties are such Commercial Contributor's responsibility
alone. Under this section, the Commercial Contributor would have to
defend claims against the other Contributors related to those performance
claims and warranties, and if a court requires any other Contributor to
pay any damages as a result, the Commercial Contributor must pay
those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS
AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"
BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR
IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF
TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR
PURPOSE. Each Recipient is solely responsible for determining the
appropriateness of using and distributing the Program and assumes all
risks associated with its exercise of rights under this Agreement,
including but not limited to the risks and costs of program errors,
compliance with applicable laws, damage to or loss of data, programs
or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT
PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS
SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
 EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST
PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE
EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under
applicable law, it shall not affect the validity or enforceability of
the remainder of the terms of this Agreement, and without further
action by the parties hereto, such provision shall be reformed to the
minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity
(including a cross-claim or counterclaim in a lawsuit) alleging that the
Program itself (excluding combinations of the Program with other
software
or hardware) infringes such Recipient's patent(s), then such Recipient's
rights granted under Section 2(b) shall terminate as of the date such
litigation is filed.

All Recipient's rights under this Agreement shall terminate if it
fails to comply with any of the material terms or conditions of this
Agreement and does not cure such failure in a reasonable period of
time after becoming aware of such noncompliance. If all Recipient's
rights under this Agreement terminate, Recipient agrees to cease use
and distribution of the Program as soon as reasonably practicable.
However, Recipient's obligations under this Agreement and any licenses
granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement,
but in order to avoid inconsistency the Agreement is copyrighted and
may only be modified in the following manner. The Agreement Steward
reserves
the right to publish new versions (including revisions) of
this Agreement from time to time. No one other than the Agreement
Steward has the right to modify this Agreement. The Eclipse Foundation
is the initial Agreement Steward. The Eclipse Foundation may assign the
responsibility to serve as the Agreement Steward to a suitable separate
entity. Each new version of the Agreement will be given a distinguishing
version number. The Program (including Contributions) may always be
Distributed subject to the version of the Agreement under which it was
received. In addition, after a new version of the Agreement is published,
Contributor may elect to Distribute the Program (including its
Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient
receives no rights or licenses to the intellectual property of any
Contributor under this Agreement, whether expressly, by implication,
estoppel
or otherwise. All rights in the Program not expressly granted
under this Agreement are reserved. Nothing in this Agreement is intended
to be enforceable by any entity that is not a Contributor or Recipient.

No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

"This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}."

  Simply including a copy of this Agreement, including this Exhibit A
  is not sufficient to license the Source Code under Secondary Licenses.

  If it is not possible or desirable to put the notice in a particular
  file, then You may include the notice in a location (such as a LICENSE
  file in a relevant directory) where a recipient would be likely
to
  look for such a notice.

  You may add additional accurate notices of copyright ownership.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to
share and change it. By contrast, the GNU General Public License is
intended to guarantee your freedom to share and change free software--to
make sure the software is free for all its users. This General Public
License applies to most of the Free Software Foundation's software and
to any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General
Public License instead.)
You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.
Our General Public Licenses are designed to make sure that you have the
freedom to distribute copies of free software (and charge for this
service if you wish), that you receive source code or can get it if you

want it, that you can change the software or use pieces of it in new
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone
to deny you these rights or to ask you to surrender the rights. These
restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis
or for a fee, you must give the recipients all the rights that you have.
You must make sure that they, too, receive or can get the source code.
And you
must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software patents.
We wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at
all.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a
notice placed by the copyright holder saying it may be distributed under
the terms of this General Public License. The "Program", below, refers
to any such program or work, and a "work based on the Program" means
either the Program or any derivative work under copyright law: that is
to say, a work containing the Program or a portion of it, either
verbatim or with modifications and/or translated into another language.
(Hereinafter, translation is included without limitation in the term
"modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not

covered by this License; they are outside its scope. The act of running
the Program is not restricted,
and the output from the Program is
covered only if its contents constitute a work based on the Program
(independent of having been made by running the Program). Whether that
is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source
code as you receive it, in any medium, provided that you conspicuously
and appropriately publish on each copy an appropriate copyright notice
and disclaimer of warranty; keep intact all the notices that refer to
this License and to the absence of any warranty; and give any other
recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and
you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of
it, thus forming a work based on the Program, and copy and distribute
such modifications
or work under the terms of Section 1 above, provided
that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any part
thereof, to be licensed as a whole at no charge to all third parties
under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a notice
that there is no warranty (or else, saying that you provide a
warranty) and that users may redistribute the program under these
conditions, and telling the user how
to view a copy of this License.
(Exception: if the Program itself is interactive but does not
normally print such an announcement, your work based on the Program
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and
can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you

distribute the same sections as part of a whole which is a work based on
the Program, the distribution of the whole must be on the terms of this
License, whose permissions for other licensees extend to the entire
whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you;
rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of a
storage or distribution medium does not bring the other work under the
scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

    a) Accompany it with the complete corresponding machine-readable
    source code, which must be distributed under the terms of Sections 1
    and 2 above on a medium customarily used for software interchange; or,

    b) Accompany it with a written offer, valid for at least three
    years, to give any third party, for a charge no more than your cost
    of
physically performing source distribution, a complete
    machine-readable copy of the corresponding source code, to be
    distributed under the terms of Sections 1 and 2 above on a medium
    customarily used for software interchange; or,

    c) Accompany it with the information you received as to the offer to
    distribute corresponding source code. (This alternative is allowed
    only for noncommercial distribution and only if you received the
    program in object code or executable form with such an offer, in
    accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source code
means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special
exception, the source code distributed
need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the

executable.

If distribution of executable or object code is made by offering access
to copy from a designated place, then offering equivalent access to copy
the source code from the same place counts as distribution of the source
code, even though third parties are not compelled to copy the source
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise
to copy, modify, sublicense or distribute the Program is void, and will
automatically terminate your rights under this License. However, parties
who have received copies, or rights, from you under this License will
not have
their licenses terminated so long as such parties remain in
full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and all
its terms and conditions for copying, distributing or modifying the
Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further restrictions
on the recipients' exercise of the rights granted herein. You are not
responsible
for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute
so as to satisfy simultaneously your obligations under this License and
any other pertinent obligations, then as a consequence you may not
distribute the Program at all. For example, if a patent license would
not permit royalty-free redistribution of the Program by all those who
receive copies directly or indirectly through you, then the only way you
could satisfy both it and this License would be to refrain entirely from
distribution of the Program.

If any portion of this section is held invalid or unenforceable under

any particular
circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is implemented
by public license practices. Many people have made generous
contributions to the wide range of software distributed through that
system in reliance on consistent application of that system; it is up to
the author/donor to decide if he or she is willing to distribute
software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be
a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in
 certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may
add an explicit geographical distribution limitation excluding those
countries, so that distribution is permitted only in or among countries
not thus excluded. In such case, this License incorporates the
limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new
versions of the General Public License from time to time. Such new
versions will be similar in spirit to the present version, but may
differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software
Foundation. If the Program does not specify a version
number of this License, you may choose any version ever published by the
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the
author to ask for permission. For software which is copyrighted by the
Free Software Foundation, write to the Free Software Foundation; we
sometimes make exceptions for this. Our decision will be guided by the
two goals of preserving the free status of all derivatives of our free
software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,
EITHER
EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL
NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF
TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to
attach them to the start of each source file to most effectively convey
the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

    One line to give the program's name and a brief idea of what it does.
    Copyright (C) <year> <name of author>

    This program is free software; you can redistribute it and/or modify
    it under the terms of the GNU General Public License as published by
    the Free Software Foundation; either version 2 of the License, or
    (at your option) any later version.

    This
program is distributed in the hope that it will be useful, but
    WITHOUT ANY WARRANTY; without even the implied warranty of

MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.

The hypothetical commands `show w'
and `show c' should show the
appropriate parts of the General Public License. Of course, the commands
you use may be called something other than `show w' and `show c'; they
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications
with the library. If this is what you want to do, use the GNU Library
General Public License instead of this License.

CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is
making a combined work based on this library. Thus, the terms and
conditions of the GNU General Public License version 2 cover the whole
combination.

As a special exception, the copyright holders of this library give you

permission to link this library with independent modules to produce an

executable, regardless of the license terms of these independent

modules, and to copy and distribute the resulting executable under

terms of your choice, provided that you also meet, for each linked

independent module, the terms and conditions of the license of that

module. An independent module is a module which is not derived from or

based on this library. If you modify this library, you may extend this

exception to your version of the library, but you are not obligated to

do so. If

you do not wish to do so, delete this exception statement

from your version.