



Open Source Used In Stealthwatch App - Network Diagrams 2.0.5

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In your requests please include the following reference number 78EE117C99-1168750625

Contents

- 1.1 array-flatten 2.1.1**
 - 1.1.1 Available under license
- 1.2 react-transition-group 4.4.1**
 - 1.2.1 Available under license
- 1.3 hikaricp 3.2.0**
 - 1.3.1 Available under license
- 1.4 history 4.9.0**
 - 1.4.1 Available under license
- 1.5 ssl-config-core 0.3.8**
 - 1.5.1 Available under license
- 1.6 adduser 3.118**
 - 1.6.1 Available under license
- 1.7 wget 1.20.1 1.1**
 - 1.7.1 Available under license
- 1.8 intl-relativeformat 2.2.0**
 - 1.8.1 Available under license
- 1.9 object-assign 4.1.1**
 - 1.9.1 Available under license
- 1.10 asm-analysis 7.1**
- 1.11 fresh 0.5.2**
 - 1.11.1 Available under license
- 1.12 @emotion/unitless 0.7.5**
 - 1.12.1 Available under license
- 1.13 asm-util 7.1**
 - 1.13.1 Available under license
- 1.14 jnr-enxio 0.27**

- 1.14.1 Available under license
- 1.15 init-system-helpers 1.56+nmu1**
 - 1.15.1 Available under license
- 1.16 httpcore 4.4.13**
 - 1.16.1 Available under license
- 1.17 apache-log4j 1.2.17**
 - 1.17.1 Available under license
- 1.18 commons-logging 1.2**
 - 1.18.1 Available under license
- 1.19 akka-http-spray-json 10.1.14**
 - 1.19.1 Available under license
- 1.20 iproute 4.20.0 2**
 - 1.20.1 Available under license
- 1.21 libpwquality 1.4.0-3**
 - 1.21.1 Available under license
- 1.22 dash 0.5.10.2 5**
 - 1.22.1 Available under license
- 1.23 scala 2.12.11**
 - 1.23.1 Available under license
- 1.24 libxdmcp 1.1.2-3**
 - 1.24.1 Available under license
- 1.25 akka-protobuf 2.5.32**
 - 1.25.1 Available under license
- 1.26 apt 1.8.2.2**
 - 1.26.1 Available under license
- 1.27 scowl 2018.04.16-1**
 - 1.27.1 Available under license
- 1.28 akka-http-core 10.1.14**
 - 1.28.1 Available under license
- 1.29 tika-core 1.25**
 - 1.29.1 Available under license
- 1.30 jackson-annotations 2.10.3**
 - 1.30.1 Available under license
- 1.31 bytes 3.1.0**
 - 1.31.1 Available under license
- 1.32 logback-core 1.2.3**
 - 1.32.1 Available under license
- 1.33 inherits 2.0.3**
 - 1.33.1 Available under license

- 1.34 libseccomp 2.3.3-4**
 - 1.34.1 Available under license
- 1.35 asm 8u181-b13-2~deb9u1**
 - 1.35.1 Available under license
- 1.36 jnr-a64asm 1.0.0**
 - 1.36.1 Available under license
- 1.37 commons-codec 1.15**
 - 1.37.1 Available under license
- 1.38 kerberos 1.17-3+deb10u1**
 - 1.38.1 Available under license
- 1.39 loose-envify 1.4.0**
 - 1.39.1 Available under license
- 1.40 is-buffer 2.0.5**
 - 1.40.1 Available under license
- 1.41 express 4.17.1**
 - 1.41.1 Available under license
- 1.42 javax-inject 1**
 - 1.42.1 Available under license
- 1.43 cdebconf 0.249**
 - 1.43.1 Available under license
- 1.44 scala-library 2.12.11**
 - 1.44.1 Available under license
- 1.45 httpcomponents-core 4.4.13**
 - 1.45.1 Available under license
- 1.46 akka-slf4j 2.5.32**
 - 1.46.1 Available under license
- 1.47 commons-io 2.4**
 - 1.47.1 Available under license
- 1.48 systemd 241-7~deb10u5**
 - 1.48.1 Available under license
- 1.49 @emotion/is-prop-valid 0.8.8**
 - 1.49.1 Available under license
- 1.50 jackson-core 2.10.3**
 - 1.50.1 Available under license
- 1.51 content-disposition 0.5.3**
 - 1.51.1 Available under license
- 1.52 xz 5.2.4 1**
 - 1.52.1 Available under license
- 1.53 methods 1.1.2**

1.53.1 Available under license
1.54 qs 6.7.0
1.54.1 Available under license
1.55 jwt-json-common_2.12 4.3.0
1.55.1 Available under license
1.56 akka-slf4j 2.5.32
1.56.1 Available under license
1.57 slf4j 1.7.30
1.57.1 Available under license
1.58 hostname 3.21
1.58.1 Available under license
1.59 commons-logging 1.2
1.59.1 Available under license
1.60 elfutils 0.176 1.1
1.60.1 Available under license
1.61 selinux 2.8-1+b1
1.61.1 Available under license
1.62 bash 5.0 4
1.62.1 Available under license
1.63 acl 2.2.53-4
1.63.1 Available under license
1.64 screenfull 5.0.2
1.64.1 Available under license
1.65 asm-util 7.1
1.66 scala-xml 1.3.0
1.66.1 Available under license
1.67 perl 5.28.1-6+deb10u1
1.67.1 Available under license
1.68 java-common 0.71
1.68.1 Available under license
1.69 jre 8u272-b10-0+deb9u1
1.69.1 Available under license
1.70 axios 0.19.0
1.70.1 Available under license
1.71 libxrender 0.9.10-1
1.71.1 Available under license
1.72 react-redux 7.2.1
1.72.1 Available under license
1.73 fontconfig 2.13.1 2

- 1.73.1 Available under license
- 1.74 jnr-unixsocket 0.31**
 - 1.74.1 Available under license
- 1.75 debianutils 4.8.6.1**
 - 1.75.1 Available under license
- 1.76 avahi 0.7-4+b1**
 - 1.76.1 Available under license
- 1.77 javax-inject 1**
 - 1.77.1 Available under license
- 1.78 react-intl 2.9.0**
 - 1.78.1 Available under license
- 1.79 content-type 1.0.4**
 - 1.79.1 Available under license
- 1.80 scalacache-caffeine 0.28.0**
 - 1.80.1 Available under license
- 1.81 dpkg 1.19.7**
 - 1.81.1 Available under license
- 1.82 spray-json 1.3.5**
 - 1.82.1 Available under license
- 1.83 libxext 1.3.3-1+b2**
 - 1.83.1 Available under license
- 1.84 redux-saga-deferred 1.1.2**
 - 1.84.1 Available under license
- 1.85 react-dom 16.13.1**
 - 1.85.1 Available under license
- 1.86 debconf 1.5.71**
 - 1.86.1 Available under license
- 1.87 lz4 1.8.3-1**
 - 1.87.1 Available under license
- 1.88 commons-codec 1.15**
 - 1.88.1 Available under license
- 1.89 gud 1.0.0**
 - 1.89.1 Available under license
- 1.90 error_prone_annotations 2.3.3**
 - 1.90.1 Available under license
- 1.91 use-composed-ref 1.1.0**
 - 1.91.1 Available under license
- 1.92 libx11 1.6.7-1+deb10u1**
 - 1.92.1 Available under license

1.93 nashorn 1.8.0_272-8u272-b10-0+deb9u1-b10

1.93.1 Available under license

1.94 zstd 1.3.8+dfsg-3

1.94.1 Available under license

1.95 reactive-streams 1.0.2

1.95.1 Available under license

1.96 classnames 2.2.6

1.96.1 Available under license

1.97 jsr305 3.0.2

1.97.1 Available under license

1.98 natives 1.1.6

1.98.1 Available under license

1.99 gnupg 2.2.12 1+deb10u1

1.99.1 Available under license

1.100 scala-java8-compat_2.12 0.8.0

1.100.1 Available under license

1.101 prop-types 15.7.2

1.101.1 Available under license

1.102 objectweb-asm 7.1

1.102.1 Available under license

1.103 scala-reflect 2.12.11

1.103.1 Available under license

1.104 iputils 20180629-2+deb10u1

1.104.1 Available under license

1.105 util-linux 2.33.1 0.1

1.105.1 Available under license

1.106 react-immutable-proptypes 2.1.0

1.106.1 Available under license

1.107 pam 1.3.1-5

1.107.1 Available under license

1.108 scala-parser-combinators 1.1.2

1.108.1 Available under license

1.109 httpcomponents-client 4.5.13

1.109.1 Available under license

1.110 @redux-beacon/google-analytics 1.2.3

1.110.1 Available under license

1.111 cups 2.2.10-6+deb10u4

1.111.1 Available under license

1.112 asm-tree 7.1

- 1.112.1 Available under license
- 1.113 sensible-utils 0.0.12**
 - 1.113.1 Available under license
- 1.114 base-files 10.3+deb10u7**
 - 1.114.1 Available under license
- 1.115 d-bus 1.12.20-0+deb10u1**
 - 1.115.1 Available under license
- 1.116 conscript 1.0.0**
 - 1.116.1 Available under license
- 1.117 bcel 8u181-b13-2~deb9u1**
 - 1.117.1 Available under license
- 1.118 fdisk 2.33.1**
 - 1.118.1 Available under license
- 1.119 asm-analysis 7.1**
 - 1.119.1 Available under license
- 1.120 j2objc-annotations 1.1**
 - 1.120.1 Available under license
- 1.121 checker-qual 2.6.0**
- 1.122 cookie 0.4.0**
 - 1.122.1 Available under license
- 1.123 akka-actor 2.5.32**
 - 1.123.1 Available under license
- 1.124 protobuf-java 2.5.32**
 - 1.124.1 Available under license
- 1.125 checker-qual 2.6.0**
 - 1.125.1 Available under license
- 1.126 zlib 1.2.11.dfsg-1**
 - 1.126.1 Available under license
- 1.127 libjpeg-turbo 1.5.2-2+deb10u1**
 - 1.127.1 Available under license
- 1.128 scala-reflect 2.12.11**
 - 1.128.1 Available under license
- 1.129 redux-beacon-combine-events 1.0.0**
 - 1.129.1 Available under license
- 1.130 warning 4.0.3**
 - 1.130.1 Available under license
- 1.131 shapeless 2.3.3**
 - 1.131.1 Available under license
- 1.132 redux 4.0.5**

1.132.1 Available under license
1.133 ms 2.0.0
1.133.1 Available under license
1.134 libcap 2.25-2
1.134.1 Available under license
1.135 zlib 1.2.8
1.135.1 Available under license
1.136 hoist-non-react-statics 3.3.2
1.136.1 Available under license
1.137 tika-core 1.25
1.137.1 Available under license
1.138 libxi 1.7.9-1
1.138.1 Available under license
1.139 native 1.2.23
1.139.1 Available under license
1.140 animal-sniffer-annotation 1.14
1.141 pcre 8.39 12
1.141.1 Available under license
1.142 libunistring 0.9.10 1
1.142.1 Available under license
1.143 libcap-ng 0.7.9 2
1.143.1 Available under license
1.144 jnr-posix 3.0.56
1.144.1 Available under license
1.145 asm-commons 7.1
1.145.1 Available under license
1.146 libxcb 1.13.1 2
1.146.1 Available under license
1.147 bzip2 1.0.6 9.2~deb10u1
1.147.1 Available under license
1.148 jcl-over-slf4j 1.7.30
1.148.1 Available under license
1.149 cldr-dates-full 34.0.0
1.149.1 Available under license
1.150 commons-lang3 3.9
1.150.1 Available under license
1.151 slf4j-log4j 1.2.3
1.151.1 Available under license
1.152 accepts 1.3.7

1.152.1 Available under license

1.153 slick-hikaricp 3.3.3

1.153.1 Available under license

1.154 @emotion/memoize 0.7.4

1.154.1 Available under license

1.155 akka-stream 2.5.32

1.155.1 Available under license

1.156 cpp 8.3.0-6

1.156.1 Available under license

1.157 libffi 3.2.1 9

1.157.1 Available under license

1.158 libmnl 1.0.4-2

1.158.1 Available under license

1.159 iptables 1.8.2 4

1.159.1 Available under license

1.160 openjdk 1.8.0u272

1.160.1 Available under license

1.161 logback-core 1.2.3

1.161.1 Available under license

1.162 jcl-over-slf4j 1.7.30

1.162.1 Available under license

1.163 react-is 16.13.1

1.163.1 Available under license

1.164 httpclient 4.5.13

1.164.1 Available under license

1.165 libpng 1.6.36 6

1.165.1 Available under license

1.166 asm-commons 7.1

1.167 libidn 2.0.5 1+deb10u1

1.167.1 Available under license

1.168 @babel/runtime 7.12.5

1.168.1 Available under license

1.169 intl-format-cache 2.2.9

1.169.1 Available under license

1.170 asm 7.1

1.170.1 Available under license

1.171 jwt core 4.3.0

1.171.1 Available under license

1.172 libsemanage 2.8-2

1.172.1 Available under license
1.173 use-isomorphic-layout-effect 1.1.0
1.173.1 Available under license
1.174 libtasn 4.13 3
1.174.1 Available under license
1.175 scala-collection-compat_2.12 2.0.0
1.175.1 Available under license
1.176 xorg 7.7+19
1.176.1 Available under license
1.177 amqp-client 5.1.1
1.177.1 Available under license
1.178 asm-tree 7.1
1.179 jnr-ffi 2.1.14
1.179.1 Available under license
1.180 immutable 4.0.0-rc.12
1.180.1 Available under license
1.181 iconv 2.28
1.181.1 Available under license
1.182 jackson 2.10.3
1.182.1 Available under license
1.183 logback-classic 1.2.3
1.183.1 Available under license
1.184 libbsd 0.9.1 2
1.184.1 Available under license
1.185 base-passwd 3.5.46
1.185.1 Available under license
1.186 amqp-client 5.1.1
1.186.1 Available under license
1.187 gmp 6.1.2+dfsg-4
1.187.1 Available under license
1.188 styled-components 5.1.1
1.188.1 Available under license
1.189 globals 11.12.0
1.189.1 Available under license
1.190 dom-helpers 3.4.0
1.190.1 Available under license
1.191 mawk 1.3.3 17+b3
1.191.1 Available under license
1.192 ca-certificates-java 20190405

1.192.1 Available under license
1.193 tar 1.30+dfsg 6
1.193.1 Available under license
1.194 lodash 4.17.21
1.194.1 Available under license
1.195 send 0.17.1
1.195.1 Available under license
1.196 akka-parsing 10.1.14
1.196.1 Available under license
1.197 commons-lang3 3.9
1.197.1 Available under license
1.198 gzip 1.9 3
1.198.1 Available under license
1.199 reactive-streams 1.0.2
1.199.1 Available under license
1.200 libxtst 1.2.3-1
1.200.1 Available under license
1.201 destroy 1.0.4
1.201.1 Available under license
1.202 forwarded 0.1.2
1.202.1 Available under license
1.203 jwt-core 4.3.0
1.203.1 Available under license
1.204 akka-actor 2.5.32
1.204.1 Available under license
1.205 redux-saga-delay-p 1.1.2
1.205.1 Available under license
1.206 cldr-core 34.0.0
1.206.1 Available under license
1.207 jsr305 3.0.2
1.207.1 Available under license
1.208 nss 3.42.1-1+deb10u3
1.208.1 Available under license
1.209 react 16.13.1
1.209.1 Available under license
1.210 shallowequal 1.1.0
1.210.1 Available under license
1.211 moment 2.26.0
1.211.1 Available under license

1.212 slick 3.3.3

1.212.1 Available under license

1.213 e2fsprogs 1.44.5 1+deb10u3

1.213.1 Available under license

1.214 tika 1.25

1.214.1 Available under license

1.215 procps 3.3.15-2

1.215.1 Available under license

1.216 intl-messageformat 2.2.0

1.216.1 Available under license

1.217 jackson-databind 2.10.3

1.217.1 Available under license

1.218 libxau 1.0.8-1+b2

1.218.1 Available under license

1.219 mime-pull 8u181-b13-2~deb9u1

1.219.1 Available under license

1.220 jnr-constants 0.9.15

1.220.1 Available under license

1.221 libsepol 2.8 1

1.221.1 Available under license

1.222 lcms 2.9-3

1.222.1 Available under license

1.223 react-textarea-autosize 8.0.1

1.223.1 Available under license

1.224 file 5.35-4+deb10u2

1.224.1 Available under license

1.225 config 1.3.3

1.225.1 Available under license

1.226 lsb 10.2019051400

1.226.1 Available under license

1.227 redux-beacon 2.1.0

1.227.1 Available under license

1.228 nettle 3.4.1-1

1.228.1 Available under license

1.229 slf4j 1.7.30

1.229.1 Available under license

1.230 ucf 3.0038+nmu1

1.230.1 Available under license

1.231 redux-saga-core 1.1.3

1.231.1 Available under license
1.232 use-latest 1.2.0
1.232.1 Available under license
1.233 debug 2.6.9
1.233.1 Available under license
1.234 caffeine 2.7.0
1.235 sysv-init 2.93 9
1.235.1 Available under license
1.236 coreutils 8.30 3
1.236.1 Available under license
1.237 redux-saga-symbols 1.1.2
1.237.1 Available under license
1.238 intl-messageformat-parser 1.4.0
1.238.1 Available under license
1.239 jnr-x86asm 1.0.2
1.239.1 Available under license
1.240 shadow 4.5-1.1
1.240.1 Available under license
1.241 pcre 10.32-5
1.241.1 Available under license
1.242 sed 4.7 1
1.242.1 Available under license
1.243 findutils 4.6.0+git+20190209 2
1.243.1 Available under license
1.244 glibc 2.28-10
1.244.1 Available under license
1.245 scheduler 0.19.1
1.245.1 Available under license
1.246 keyutils 1.6-6
1.246.1 Available under license
1.247 akka-http 10.1.14
1.247.1 Available under license
1.248 attr 2.4.48 4
1.248.1 Available under license
1.249 berkeley-db 5.3.28+dfsg1 0.5
1.249.1 Available under license
1.250 p11-kit 0.23.15-2+deb10u1
1.250.1 Available under license
1.251 libgcrypt 1.8.4 5

1.251.1 Available under license
1.252 cldr-numbers-full 34.0.0
1.252.1 Available under license
1.253 mime 1.6.0
1.253.1 Available under license
1.254 rsync 3.1.3 6
1.254.1 Available under license
1.255 diffutils 3.7 3
1.255.1 Available under license
1.256 tzdata 2020e 0+deb10u1
1.256.1 Available under license
1.257 fonts-dejavu 2.37-1
1.257.1 Available under license
1.258 redux-saga-is 1.1.2
1.258.1 Available under license
1.259 cracklib 2.9.6-2
1.259.1 Available under license
1.260 redux-immutable 4.0.0
1.260.1 Available under license
1.261 typesafe-config 1.3.3
1.261.1 Available under license
1.262 jwt-spray-json_2.12 4.3.0
1.262.1 Available under license
1.263 scalacache-caffeine 0.28.0
1.263.1 Available under license
1.264 redux-saga 1.1.3
1.264.1 Available under license
1.265 libpsl 0.20.2-2
1.265.1 Available under license
1.266 guava 26.0-jre
1.266.1 Available under license
1.267 systemd 241-7~deb10u6
1.267.1 Available under license
1.268 pcsc-lite 1.8.26-3~bpo10+1
1.268.1 Available under license
1.269 gnutls 3.6.7-4+deb10u6
1.269.1 Available under license
1.270 grep 3.3 1
1.270.1 Available under license

1.271 macro-compat_2.11 1.1.1
1.271.1 Available under license

1.272 symbol-observable 1.2.0
1.272.1 Available under license

1.273 scala-logging_2.12 3.9.2
1.273.1 Available under license

1.274 ejs 2.7.4
1.274.1 Available under license

1.275 commons-io 2.4
1.275.1 Available under license

1.276 bouncy-castle 1.46
1.276.1 Available under license

1.277 file 5.35-4+deb10u1
1.277.1 Available under license

1.278 sqlite 3.27.2-3+deb10u1
1.278.1 Available under license

1.279 openorb 8u181-b13-2~deb9u1
1.279.1 Available under license

1.280 etag 1.8.1
1.280.1 Available under license

1.281 invariant 2.2.4
1.281.1 Available under license

1.282 expat 2.2.6 2+deb10u1
1.282.1 Available under license

1.283 @emotion/stylis 0.8.5
1.283.1 Available under license

1.284 openssl 1.1.1i
1.284.1 Available under license

1.285 free-type 2.9.1-3+deb10u2
1.285.1 Available under license

1.286 audit 2.8.4 3
1.286.1 Available under license

1.287 popt 1.16-12
1.287.1 Available under license

1.288 jffi 1.2.23
1.288.1 Available under license

1.289 op-rabbit-core 2.1.0
1.289.1 Available under license

1.290 libpgp-error 1.35 1

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 - 1.291.1 Available under license
- 1.292 akka-rabbitmq 5.0.0**
 - 1.292.1 Available under license
- 1.293 nspr 4.20-1**
 - 1.293.1 Available under license
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1.3 hikaricp 3.2.0

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Found in path(s):

* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-jar/com/zaxxer/hikari/pool/ProxyResultSet.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-jar/com/zaxxer/hikari/pool/ProxyFactory.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-jar/com/zaxxer/hikari/pool/ProxyLeakTask.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-jar/com/zaxxer/hikari/pool/ProxyLeakTaskFactory.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-jar/com/zaxxer/hikari/util/ConcurrentBag.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-jar/com/zaxxer/hikari/pool/ProxyConnection.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-jar/com/zaxxer/hikari/util/JavassistProxyFactory.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-jar/com/zaxxer/hikari/HikariConfig.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-jar/com/zaxxer/hikari/util/SuspendResumeLock.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-jar/com/zaxxer/hikari/util/FastList.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-jar/com/zaxxer/hikari/util/DriverDataSource.java

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* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-

jar/com/zaxxer/hikari/metrics/IMetricsTracker.java

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jar/com/zaxxer/hikari/metrics/dropwizard/CodahaleHealthChecker.java

* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-

jar/com/zaxxer/hikari/pool/PoolEntry.java

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jar/com/zaxxer/hikari/pool/HikariPool.java

* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-

jar/com/zaxxer/hikari/metrics/MetricsTracker.java

* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-

jar/com/zaxxer/hikari/metrics/MetricsTrackerFactory.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/metrics/dropwizard/CodaHaleMetricsTracker.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/HikariJNDIFactory.java
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* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/metrics/prometheus/PrometheusMetricsTracker.java
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* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/metrics/prometheus/PrometheusMetricsTrackerFactory.java

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jar/com/zaxxer/hikari/metrics/prometheus/HikariCPCollector.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/pool/PoolBase.java
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* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/HikariDataSource.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/pool/ProxyCallableStatement.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/HikariConfigMXBean.java
```

```
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/HikariPoolMXBean.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/hibernate/HikariConnectionProvider.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/metrics/dropwizard/CodahaleMetricsTrackerFactory.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/util/PropertyElf.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/pool/ProxyStatement.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/util/UtilityElf.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/pool/ProxyPreparedStatement.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/hibernate/HikariConfigurationUtil.java
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* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/metrics/PoolStats.java
* /opt/cola/permits/1097982778_1602212333.83/0/hikaricp-3-2-0-sources-1-
jar/com/zaxxer/hikari/util/ClockSource.java
```

1.4 history 4.9.0

1.4.1 Available under license :

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1.5 ssl-config-core 0.3.8

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1.6 adduser 3.118

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Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He rewrote most of it.

Since May 20 2000, it is maintained by Roland Bauerschmidt <rb@debian.org>.

Since March 24 2004, it is maintained by Roland Bauerschmidt <rb@debian.org>, and co-maintained by Marc Haber <mh+debian-packages@zugschlus.de>

Since 23 Oct 2005, it has been maintained by Joerg Hoh <joerg@joerghoh.de>

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1.7 wget 1.20.1 1.1

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1.8 intl-relativeformat 2.2.0

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1.9 object-assign 4.1.1

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1.10 asm-analysis 7.1

1.11 fresh 0.5.2

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1.12 @emotion/unitless 0.7.5

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jar/org/objectweb/asm/util/CheckFieldAdapter.java  
* /opt/cola/permits/1135892376_1613626859.73/0/asm-util-7-1-sources-2-  
jar/org/objectweb/asm/util/TraceMethodVisitor.java  
* /opt/cola/permits/1135892376_1613626859.73/0/asm-util-7-1-sources-2-  
jar/org/objectweb/asm/util/CheckMethodAdapter.java  
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jar/org/objectweb/asm/util/CheckSignatureAdapter.java  
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jar/org/objectweb/asm/util/TraceFieldVisitor.java  
* /opt/cola/permits/1135892376_1613626859.73/0/asm-util-7-1-sources-2-jar/org/objectweb/asm/util/Printer.java
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jar/org/objectweb/asm/util/ASMifierSupport.java
* /opt/cola/permits/1135892376_1613626859.73/0/asm-util-7-1-sources-2-
jar/org/objectweb/asm/util/Textifiable.java
* /opt/cola/permits/1135892376_1613626859.73/0/asm-util-7-1-sources-2-
jar/org/objectweb/asm/util/ASMifiable.java
* /opt/cola/permits/1135892376_1613626859.73/0/asm-util-7-1-sources-2-
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1.14 jnr-enxio 0.27

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jar/jnr/enxio/channels/WinLibCAdapter.java
* /opt/cola/permits/1168753371_1622057370.75/0/jnr-enxio-0-27-sources-
jar/jnr/enxio/channels/PollSelectionKey.java
* /opt/cola/permits/1168753371_1622057370.75/0/jnr-enxio-0-27-sources-jar/jnr/enxio/channels/PollSelector.java
```

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```
/*
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 */
```

Found in path(s):

```
* /opt/cola/permits/1168753371_1622057370.75/0/jnr-enxio-0-27-sources-
jar/jnr/enxio/channels/NativeSelectableChannel.java
```

* /opt/cola/permits/1168753371_1622057370.75/0/jnr-enxio-0-27-sources-jar/jnr/enxio/channels/Native.java
* /opt/cola/permits/1168753371_1622057370.75/0/jnr-enxio-0-27-sources-jar/jnr/enxio/channels/NativeSocketChannel.java
* /opt/cola/permits/1168753371_1622057370.75/0/jnr-enxio-0-27-sources-jar/jnr/enxio/channels/KQSelectionKey.java
* /opt/cola/permits/1168753371_1622057370.75/0/jnr-enxio-0-27-sources-jar/jnr/enxio/channels/KQSelector.java
* /opt/cola/permits/1168753371_1622057370.75/0/jnr-enxio-0-27-sources-jar/jnr/enxio/channels/NativeServerSocketChannel.java
* /opt/cola/permits/1168753371_1622057370.75/0/jnr-enxio-0-27-sources-jar/jnr/enxio/channels/NativeDeviceChannel.java
* /opt/cola/permits/1168753371_1622057370.75/0/jnr-enxio-0-27-sources-jar/jnr/enxio/channels/NativeFileSelectorProvider.java
* /opt/cola/permits/1168753371_1622057370.75/0/jnr-enxio-0-27-sources-jar/jnr/enxio/channels/NativeSelectorProvider.java

1.15 init-system-helpers 1.56+nmu1

1.15.1 Available under license :

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Files: script/service man8/service.rst

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Files: script/invoke-rc.d man8/invoke-rc.d.rst

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Files: script/update-rc.d man8/update-rc.d.rst

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1.16 httpcore 4.4.13

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```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/entity/DisallowIdentityContentLengthStrategy.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/message/BasicHeaderValueFormatter.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/bootstrap/ThreadFactoryImpl.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/HttpEntity.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/util/VersionInfo.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/MessageConstraintException.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/HttpConnection.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/message/BasicHeader.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
```


jar/org/apache/httpcore/pool/PoolEntryCallback.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/annotation/package-info.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/io/ChunkedInputStream.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/io/AbstractMessageWriter.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/pool/PoolStats.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/ContentTooLongException.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/DefaultBHttpClientConnection.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/io/ContentLengthOutputStream.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/io/DefaultHttpResponseWriter.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/NoHttpResponseException.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/HeaderElementIterator.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/io/DefaultHttpRequestWriter.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/ExceptionLogger.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/entity/AbstractHttpEntity.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/HttpRequestHandlerMapper.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/message/HeaderGroup.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/Header.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/StatusLine.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/ReasonPhraseCatalog.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/ConnectionClosedException.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/config/SocketConfig.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/params/CoreProtocolPNames.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/HttpService.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/annotation/Experimental.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-

jar/org/apache/httpcore/UnsupportedHttpVersionException.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/ResponseDate.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/ssl/package-info.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/message/BasicHttpResponse.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/io/EmptyInputStream.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/BHttpConnectionBase.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/config/Registry.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/entity/StringEntity.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/entity/StrictContentLengthStrategy.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/params/BasicHttpParams.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/HttpResponseInterceptorList.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/io/SessionInputBufferImpl.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/config/MessageConstraints.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/pool/BasicPoolEntry.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/params/AbstractHttpParams.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/TruncatedChunkException.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/HttpExpectationVerifier.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/HttpContext.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/FormattedHeader.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/entity/HttpEntityWrapper.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/message/BasicLineFormatter.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/message/BasicHeaderElement.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/io/HttpTransportMetrics.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/bootstrap/Worker.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-

jar/org/apache/httpcore/TokenIterator.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/HttpEntityEnclosingRequest.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/io/DefaultHttpRequestParserFactory.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/io/DefaultHttpResponseParser.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/HttpRequestExecutor.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/entity/FileEntity.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/ssl/TrustStrategy.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/RequestUserAgent.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/entity/InputStreamEntity.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/params/HttpParams.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/annotation/Contract.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/entity/BufferedHttpEntity.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/entity/ByteArrayEntity.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/message/BasicHttpEntityEnclosingRequest.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/ParseException.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/NoConnectionReuseStrategy.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/util/NetUtils.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/bootstrap/package-info.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/entity/EntityTemplate.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/io/HttpMessageParserFactory.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/io/DefaultHttpResponseWriterFactory.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/config/ConnectionConfig.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/io/SessionOutputBuffer.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/HttpVersion.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-

jar/org/apache/httpcore/config/Lookup.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/entity/ContentType.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/pool/ConnPoolControl.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/message/BasicHeaderValueParser.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/ConnectionReuseStrategy.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/entity/BasicHttpEntity.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/bootstrap/RequestListener.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/entity/LaxContentLengthStrategy.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/util/TextUtils.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/HttpResponse.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/DefaultHttpResponseFactory.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/entity/package-info.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/DefaultBHttpClientConnectionFactory.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/HttpInetConnection.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/annotation/ThreadingBehavior.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/entity/SerializableEntity.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/impl/io/ChunkedOutputStream.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/params/package-info.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/NameValuePair.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/HttpRequestHandlerResolver.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/message/BasicLineParser.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/util/package-info.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/UriHttpRequestHandlerMapper.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/HttpRequestHandler.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-

jar/org/apache/httpcore/params/CoreConnectionPNames.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
jar/org/apache/httpcore/protocol/ImmutableHttpProcessor.java
* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
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* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
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* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
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* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
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* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
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* /opt/ws_local/PERMITS_SQL/1052411894_1591996206.29/0/httpcore-4-4-13-sources-
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1.17 apache-log4j 1.2.17

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1.18 commons-logging 1.2

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* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogFactoryImpl.java
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1.19 akka-http-spray-json 10.1.14

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1.22 dash 0.5.10.2 5

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```
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```

```
<div class="version-notice">This is the specification of a previous version of Scala. See the <a href="{ { site.baseurl } }/{ { site.latestScalaVersion } }/">Scala { { site.latestScalaVersion } } spec</a>.</div>
```

```
{% endif %}
```

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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,
or consider a pattern matching anonymous function: `{ case (a, b) => ... }`

```
val x: ((Int, Int) => Int) = (((a, b)) => a)
      ^
```

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,
or consider a pattern matching anonymous function: `{ case (param1, param2) => ... }`

```
val y: ((Int, Int, Int) => Int) = (((a, !)) => a)
      ^
```

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple3,

```
or consider a pattern matching anonymous function: `{ case (param1, ..., param3) => ... }  
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)  
      ^
```

three errors found

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1.24 libxdmcp 1.1.2-3

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1.25 akka-protobuf 2.5.32

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Manifest-Version: 1.0

Automatic-Module-Name: akka.protobuf

Bundle-Description: Akka is a toolkit for building highly concurrent, distributed, and resilient message-driven applications for Java and Scala.

Bundle-DocURL: <https://doc.akka.io/api/akka/2.5.32>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0>;description=Apache License, Version 2.0

Bundle-ManifestVersion: 2

Bundle-Name: akka-protobuf

Bundle-SymbolicName: com.typesafe.akka.protobuf

Bundle-Vendor: Lightbend Inc.

Bundle-Version: 2.5.32

Export-Package: akka.protobuf;version="2.5.32"

Implementation-Title: akka-protobuf

Implementation-URL: <https://akka.io/>

Implementation-Vendor-Id: com.typesafe.akka

Implementation-Vendor: Lightbend Inc.
Implementation-Version: 2.5.32
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version>=1.8))
"
Specification-Title: akka-protobuf
Specification-Vendor: Lightbend Inc.
Specification-Version: 2.5.32
Tool: Bnd-4.0.0.201805111645

Found in path(s):

* /opt/cola/permits/1170583189_1622641893.53/0/akka-protobuf-2-11-2-5-32-jar/META-INF/MANIFEST.MF

1.26 apt 1.8.2.2

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1.27 scowl 2018.04.16-1

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Alan Beale <biljir@pobox.com> also deserves special credit as he has, in addition to providing the 12Dicts package and being a major contributor to the ENABLE word list, given me an incredible amount of feedback and created a number of special lists (those found in the Supplement) in order to help improve the overall quality of SCOWL.

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- The files in `openjdk/j2se/src/share/classes/javax/xml/stream/` seem to

comprise the BEA-StAX source code

<http://ftpna2.bea.com/pub/downloads/jsr173.jar>

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openjdk/j2se/make/java/nio/genExceptions.sh

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`888' `8'`888 `Y88. `8888 d8'
888 8 888 .d88' Y888..8P
888 8 888ooo88P' `8888'
888 8 888 .8PY888.
`88. .8' 888 d8' `888b
`YbodP' o888o o888o o88888o
```

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jar/jnr/a64asm/SysRegDescription.java
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1.38 kerberos 1.17-3+deb10u1

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lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
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lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
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- lib/gssapi/generic/gssapi_err_generic.et
- lib/gssapi/mechglue/g_accept_sec_context.c
- lib/gssapi/mechglue/g_acquire_cred.c
- lib/gssapi/mechglue/g_canon_name.c
- lib/gssapi/mechglue/g_compare_name.c
- lib/gssapi/mechglue/g_context_time.c
- lib/gssapi/mechglue/g_delete_sec_context.c
- lib/gssapi/mechglue/g_dsp_name.c
- lib/gssapi/mechglue/g_dsp_status.c
- lib/gssapi/mechglue/g_dup_name.c
- lib/gssapi/mechglue/g_exp_sec_context.c
- lib/gssapi/mechglue/g_export_name.c
- lib/gssapi/mechglue/g_glue.c
- lib/gssapi/mechglue/g_imp_name.c
- lib/gssapi/mechglue/g_imp_sec_context.c
- lib/gssapi/mechglue/g_init_sec_context.c
- lib/gssapi/mechglue/g_initialize.c
- lib/gssapi/mechglue/g_inquire_context.c
- lib/gssapi/mechglue/g_inquire_cred.c
- lib/gssapi/mechglue/g_inquire_names.c
- lib/gssapi/mechglue/g_process_context.c
- lib/gssapi/mechglue/g_rel_buffer.c
- lib/gssapi/mechglue/g_rel_cred.c
- lib/gssapi/mechglue/g_rel_name.c
- lib/gssapi/mechglue/g_rel_oid_set.c
- lib/gssapi/mechglue/g_seal.c
- lib/gssapi/mechglue/g_sign.c
- lib/gssapi/mechglue/g_store_cred.c
- lib/gssapi/mechglue/g_unseal.c
- lib/gssapi/mechglue/g_userok.c
- lib/gssapi/mechglue/g_utils.c

lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprof_hdr.h
kadmin/server/iprofd_svc.c
lib/kdb/iprof.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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1.52 xz 5.2.4 1

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Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<https://tukaani.org/xz/lists.html>

Source:

<https://tukaani.org/xz>

<https://git.tukaani.org/xz.git>

Comment:

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To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

[...]

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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,
David Mackenzie, Bruno Haible, and many others.

Origin: configure.ac from XZ Utils,
visibility.m4 serial 1 (gettext-0.15),
Autoconf 2.52g

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configure.ac:

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dos/config.h was generated with autoheader, which tells Autoconf to
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Files: po/Makevars

Origin: gettext-runtime/po/Makevars (gettext-0.12)

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1.53 methods 1.1.2

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1.54 qs 6.7.0

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1.55 jwt-json-common_2.12 4.3.0

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1.57 slf4j 1.7.30

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1.58 hostname 3.21

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1.60 elfutils 0.176 1.1

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```

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<signature of Ty Coon>, 1 April 1989
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```

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1.62 bash 5.0 4

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1.64 screenfull 5.0.2

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1.66 scala-xml 1.3.0

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**      _____ // _____ Scala API      **  
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```

Found in path(s):

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```
/*          _          *\  
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/*          */
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1070897972_1594781929.43/0/scala-xml-2-11-1-3-0-sources-  
jar/scala/xml/Elem.scala
```

1.67 perl 5.28.1-6+deb10u1

1.67.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Files-Excluded-regen-configure: bin/*

Upstream-Name: perl

Source: <http://www.perl.com/CPAN/src/5.0/>

Comment:

This package was debianized by Brendan O'Dea <bod@debian.org> on
Thu, 17 Aug 2000 16:10:54 +1000.

.

Upstream Authors:

.

Larry Wall et. al. (see /usr/share/doc/perl/AUTHORS).

.

Last checked against: Perl 5.28.1

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cpan/CPAN-Meta/lib/CPAN/Meta/History/Meta_1_2.pod

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Files:

cpan/File-Fetch/*

cpan/IPC-Cmd/*

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cpan/Module-Load-Conditional/*

cpan/Module-Loaded/*

cpan/Package-Constants/*

cpan/Params-Check/*

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cpan/Locale-Maketext-Simple/t/po_with_i_default/i_default.po

cpan/Locale-Maketext-Simple/t/po_with_i_default/fr.po

cpan/Locale-Maketext-Simple/t/po_with_i_default/en.po

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Files:

cpan/podlators/t/docs/pod-spelling.t
cpan/podlators/t/docs/pod.t
cpan/podlators/t/docs/synopsis.t
cpan/podlators/t/lib/Test/RRA.pm
cpan/podlators/t/lib/Test/RRA/Config.pm
cpan/podlators/t/style/minimum-version.t
cpan/podlators/t/style/strict.t

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Files:

cpan/bignum/*

cpan/Tie-RefHash/*

cpan/Win32API-File/*

dist/ExtUtils-Install/*

dist/Math-BigInt/*

dist/Math-BigInt-FastCalc/*

dist/Math-BigRat/*

dist/Thread-Queue/*

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Files:

dist/autouse/*

dist/base/*

dist/constant/*

dist/Devel-SelfStubber/*

dist/Dumpvalue/*

dist/Env/*

dist/ExtUtils-Command/*

dist/ExtUtils-Manifest/*

dist/I18N-Collate/*

dist/Safe/*

ext/Fcntl/*
ext/FileCache/*
ext/GDBM_File/*
ext/IPC-Open2/*
ext/IPC-Open3/*
ext/NDBM_File/*
ext/ODBM_File/*
ext/Opcode/*
ext/PerlIO-encoding/*
ext/PerlIO-scalar/*
ext/PerlIO-via/*
ext/POSIX/*
ext/re/*
ext/Socket/*
ext/Sys-Hostname/*
ext/Tie-Hash-NamedCapture/*
ext/Tie-Memoize/*
ext/VMS-DCLsym/*
ext/VMS-Stdio/*

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.

but, as discussed in

<http://rt.cpan.org/Public/Bug/Display.html?id=64116>

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Julian Seward, jseward@bzip.org
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* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-
jar/jnr/unixsocket/impl/AbstractNativeSocketChannel.java
```

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```

Found in path(s):

```
* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-
jar/jnr/unixsocket/SocketAddrUnix.java
```

```
* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-jar/jnr/unixsocket/Native.java
```

```
* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-
jar/jnr/unixsocket/UnixServerSocket.java
* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-
jar/jnr/unixsocket/UnixSocketAddress.java
* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-
jar/jnr/unixsocket/UnixServerSocketChannel.java
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```

```
*/
```

Found in path(s):

```
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Found in path(s):

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jar/jnr/unixsocket/impl/AbstractNativeServerSocketChannel.java
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```

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```
* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-jar/jnr/unixsocket/BindHandler.java
* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-jar/jnr/unixsocket/impl/Common.java
* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-jar/jnr/unixsocket/impl/AbstractNativeDatagramChannel.java
* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-jar/jnr/unixsocket/UnixDatagramChannel.java
* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-jar/jnr/unixsocket/UnixSocketOptions.java
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jar/jnr/unixsocket/UnixSocketChannel.java

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* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-
jar/jnr/unixsocket/UnixDatagramSocket.java

* /opt/cola/permits/1168753363_1622057368.92/0/jnr-unixsocket-0-31-sources-jar/jnr/unixsocket/Common.java

1.75 debianutils 4.8.6.1

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1.76 avahi 0.7-4+b1

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1.77 javax-inject 1

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1.78 react-intl 2.9.0

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1.82 spray-json 1.3.5

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1.83 libxext 1.3.3-1+b2

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1.85 react-dom 16.13.1

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- * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/FormatMethod.java
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Found in path(s):

- * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/DoNotCall.java
 - * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
 - * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/CheckReturnValue.java
 - * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
- No license file was found, but licenses were detected in source scan.

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- * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
- * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/RequiredModifiers.java
- * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
- * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/CompileTimeConstant.java
- * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/Immutable.java
- * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/Var.java
- * /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-

```
jar/com/google/errorprone/annotations/IncompatibleModifiers.java
* /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-
jar/com/google/errorprone/annotations/concurrent/LazyInit.java
* /opt/cola/permits/1150926774_1617721880.98/0/error-prone-annotations-2-3-3-sources-5-
jar/com/google/errorprone/annotations/ForOverride.java
```

1.91 use-composed-ref 1.1.0

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1.92 libx11 1.6.7-1+deb10u1

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1.93 nashorn 1.8.0_272-8u272-b10-0+deb9u1-b10

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1.94 zstd 1.3.8+dfsg-3

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1.95 reactive-streams 1.0.2

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Found in path(s):

```
* /opt/cola/permits/1000738121_1607117695.13/0/reactive-streams-1-0-2-sources-3-
jar/org/reactivestreams/Subscriber.java
* /opt/cola/permits/1000738121_1607117695.13/0/reactive-streams-1-0-2-sources-3-
jar/org/reactivestreams/Processor.java
* /opt/cola/permits/1000738121_1607117695.13/0/reactive-streams-1-0-2-sources-3-
jar/org/reactivestreams/Subscription.java
* /opt/cola/permits/1000738121_1607117695.13/0/reactive-streams-1-0-2-sources-3-
jar/org/reactivestreams/Publisher.java
```

1.96 classnames 2.2.6

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1.97 jsr305 3.0.2

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*/
```

Found in path(s):

```
* /opt/cola/permits/1006669954_1651085002.51/0/jsr305-3-0-2-sources-  
jar/javax/annotation/concurrent/Immutable.java  
* /opt/cola/permits/1006669954_1651085002.51/0/jsr305-3-0-2-sources-  
jar/javax/annotation/concurrent/ThreadSafe.java  
* /opt/cola/permits/1006669954_1651085002.51/0/jsr305-3-0-2-sources-  
jar/javax/annotation/concurrent/GuardedBy.java  
* /opt/cola/permits/1006669954_1651085002.51/0/jsr305-3-0-2-sources-  
jar/javax/annotation/concurrent/NotThreadSafe.java
```

1.98 natives 1.1.6

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1.99 gnupg 2.2.12 1+deb10u1

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#+STARTUP: showall
```

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.100 scala-java8-compat_2.12 0.8.0

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Found in path(s):

* /opt/cola/permits/1199756607_1630579347.71/0/asm-7-1-sources-1-jar/org/objectweb/asm/MethodTooLargeException.java
* /opt/cola/permits/1199756607_1630579347.71/0/asm-7-1-sources-1-jar/org/objectweb/asm/MethodVisitor.java
* /opt/cola/permits/1199756607_1630579347.71/0/asm-7-1-sources-1-jar/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/1199756607_1630579347.71/0/asm-7-1-sources-1-jar/org/objectweb/asm/TypeReference.java
* /opt/cola/permits/1199756607_1630579347.71/0/asm-7-1-sources-1-jar/org/objectweb/asm/signature/SignatureVisitor.java
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* /opt/cola/permits/1199756607_1630579347.71/0/asm-7-1-sources-1-jar/org/objectweb/asm/ClassReader.java
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* /opt/cola/permits/1199756607_1630579347.71/0/asm-7-1-sources-1-jar/org/objectweb/asm/Label.java
* /opt/cola/permits/1199756607_1630579347.71/0/asm-7-1-sources-1-jar/org/objectweb/asm/MethodWriter.java

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1.103 scala-reflect 2.12.11

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1.104 iputils 20180629-2+deb10u1

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1.108 scala-parser-combinators 1.1.2

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* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/input/OffsetPosition.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/input/CharSequenceReader.scala
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* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/lexical/Lexical.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/SubSequence.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/input/PositionCache.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/lexical/Scanners.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/input/CharArrayReader.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/syntactical/TokenParsers.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/token/Tokens.scala
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* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/input/PagedSeqReader.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/JavaTokenParsers.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/PackratParsers.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/input/PagedSeq.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/input/Reader.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/RegexParsers.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/Parsers.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/syntactical/StdTokenParsers.scala

* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/token/StdTokens.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/input/ScalaVersionSpecificPagedSeq.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/combinator/syntactical/StandardTokenParsers.scala
* /opt/ws_local/PERMITS_SQL/1063345562_1592970674.87/0/scala-parser-combinators-2-11-1-1-2-sources-jar/scala/util/parsing/input/StreamReader.scala
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1.109 httpcomponents-client 4.5.13

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1.112 asm-tree 7.1

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jar/org/objectweb/asm/tree/LdcInsnNode.java  
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* /opt/cola/permits/1135892749_1613626907.72/0/asm-tree-7-1-sources-2-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
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1.113 sensible-utils 0.0.12

1.113.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: sensible-utils

Upstream-Contact: Anibal Monsalve Salazar <anibal@debian.org>

Source: <https://alioth.debian.org/projects/collab-maint/sensible-utils.git>

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```

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```

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

```
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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.

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

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Version 3, 29 June 2007

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1.115 d-bus 1.12.20-0+deb10u1

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jar/org/objectweb/asm/tree/analysis/package.html

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/**  
 * Constructs a new {@link SourceInterpreter} for the latest ASM API version. Subclasses must  
 * not use this constructor<i>. Instead, they must use the {@link #SourceInterpreter(int)}  
 * version.  
 */
```

Found in path(s):

* /opt/cola/permits/1135892660_1613626660.05/0/asm-analysis-7-1-sources-2-
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* /opt/cola/permits/1135892660_1613626660.05/0/asm-analysis-7-1-sources-2-  
jar/org/objectweb/asm/tree/analysis/SourceValue.java  
* /opt/cola/permits/1135892660_1613626660.05/0/asm-analysis-7-1-sources-2-  
jar/org/objectweb/asm/tree/analysis/SmallSet.java  
* /opt/cola/permits/1135892660_1613626660.05/0/asm-analysis-7-1-sources-2-  
jar/org/objectweb/asm/tree/analysis/BasicVerifier.java  
* /opt/cola/permits/1135892660_1613626660.05/0/asm-analysis-7-1-sources-2-  
jar/org/objectweb/asm/tree/analysis/Subroutine.java  
* /opt/cola/permits/1135892660_1613626660.05/0/asm-analysis-7-1-sources-2-  
jar/org/objectweb/asm/tree/analysis/BasicValue.java  
* /opt/cola/permits/1135892660_1613626660.05/0/asm-analysis-7-1-sources-2-  
jar/org/objectweb/asm/tree/analysis/AnalyzerException.java  
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jar/org/objectweb/asm/tree/analysis/Frame.java  
* /opt/cola/permits/1135892660_1613626660.05/0/asm-analysis-7-1-sources-2-  
jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java  
* /opt/cola/permits/1135892660_1613626660.05/0/asm-analysis-7-1-sources-2-  
jar/org/objectweb/asm/tree/analysis/Value.java  
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jar/org/objectweb/asm/tree/analysis/Interpreter.java  
* /opt/cola/permits/1135892660_1613626660.05/0/asm-analysis-7-1-sources-2-  
jar/org/objectweb/asm/tree/analysis/Analyzer.java
```

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/**

```
* Constructs a new {@link BasicInterpreter} for the latest ASM API version. <i>Subclasses must  
* not use this constructor</i>. Instead, they must use the {@link #BasicInterpreter(int)}  
* version.  
*/
```

Found in path(s):

```
* /opt/cola/permits/1135892660_1613626660.05/0/asm-analysis-7-1-sources-2-  
jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
```

1.120 j2objc-annotations 1.1

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1.121 checker-qual 2.6.0

1.122 cookie 0.4.0

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1.123 akka-actor 2.5.32

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* /opt/cola/permits/1135923056_1613633285.46/0/akka-actor-2-11-2-5-32-sources-1-jar/akka/dispatch/forkjoin/ForkJoinPool.java

* /opt/cola/permits/1135923056_1613633285.46/0/akka-actor-2-11-2-5-32-sources-1-jar/akka/dispatch/forkjoin/TransferQueue.java

* /opt/cola/permits/1135923056_1613633285.46/0/akka-actor-2-11-2-5-32-sources-1-jar/akka/dispatch/forkjoin/LinkedTransferQueue.java

* /opt/cola/permits/1135923056_1613633285.46/0/akka-actor-2-11-2-5-32-sources-1-jar/akka/dispatch/forkjoin/ThreadLocalRandom.java

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* /opt/cola/permits/1135923056_1613633285.46/0/akka-actor-2-11-2-5-32-sources-1-jar/akka/dispatch/forkjoin/RecursiveTask.java

* /opt/cola/permits/1135923056_1613633285.46/0/akka-actor-2-11-2-5-32-sources-1-jar/akka/dispatch/forkjoin/RecursiveAction.java

* /opt/cola/permits/1135923056_1613633285.46/0/akka-actor-2-11-2-5-32-sources-1-jar/akka/dispatch/forkjoin/package-info.java

1.124 protobuf-java 2.5.32

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This file contains a list of people who have made large contributions to the public version of Protocol Buffers.

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* 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++ 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.

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1.125 checker-qual 2.6.0

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1.126 zlib 1.2.11.dfsg-1

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1.127 libjpeg-turbo 1.5.2-2+deb10u1

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1.128 scala-reflect 2.12.11

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1.129 redux-beacon-combine-events 1.0.0

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1.130 warning 4.0.3

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1.131 shapeless 2.3.3

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* /opt/cola/permits/1110946386_1606872763.12/0/shapeless-2-10-2-3-3-sources-jar/shapeless/generic1.scala
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* /opt/cola/permits/1110946386_1606872763.12/0/shapeless-2-10-2-3-3-sources-jar/shapeless/syntax/records.scala
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* /opt/cola/permits/1110946386_1606872763.12/0/shapeless-2-10-2-3-3-sources-jar/shapeless/syntax/unions.scala
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* /opt/cola/permits/1110946386_1606872763.12/0/shapeless-2-10-2-3-3-sources-jar/shapeless/package.scala
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* /opt/cola/permits/1110946386_1606872763.12/0/shapeless-2-10-2-3-3-sources-jar/shapeless/syntax/coproduct.scala
* /opt/cola/permits/1110946386_1606872763.12/0/shapeless-2-10-2-3-3-sources-jar/shapeless/ops/coproduct.scala
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* /opt/cola/permits/1110946386_1606872763.12/0/shapeless-2-10-2-3-3-sources-jar/shapeless/syntax/std/traversables.scala
* /opt/cola/permits/1110946386_1606872763.12/0/shapeless-2-10-2-3-3-sources-jar/shapeless/syntax/sized.scala
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* /opt/cola/permits/1110946386_1606872763.12/0/shapeless-2-10-2-3-3-sources-jar/shapeless/ops/products.scala
* /opt/cola/permits/1110946386_1606872763.12/0/shapeless-2-10-2-3-3-sources-
jar/shapeless/syntax/std/functions.scala
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1.136 hoist-non-react-statics 3.3.2

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1.140 animal-sniffer-annotation 1.14

1.141 pcre 8.39 12

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1.142 libunistring 0.9.10 1

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1.143 libcap-ng 0.7.9 2

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1.144 jnr-posix 3.0.56

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1.145 asm-commons 7.1

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/**
 * Constructs a new { @link LocalVariablesSorter}. <i>Subclasses must not use this constructor</i>.
 * Instead, they must use the { @link #LocalVariablesSorter(int, int, String, MethodVisitor)}
 * version.
 *
 * @param access access flags of the adapted method.
 * @param descriptor the method's descriptor (see { @link Type}).
 * @param methodVisitor the method visitor to which this adapter delegates calls.
 * @throws IllegalStateException if a subclass calls this constructor.
 */
```

Found in path(s):

```
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/**
 * Constructs 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 methodVisitor 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 descriptor the method's descriptor (see { @link Type}).
 * @throws IllegalStateException if a subclass calls this constructor.
 */

```

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* /opt/cola/permits/1135892456_1613626901.7/0/asm-commons-7-1-sources-2-
jar/org/objectweb/asm/commons/Method.java
* /opt/cola/permits/1135892456_1613626901.7/0/asm-commons-7-1-sources-2-
jar/org/objectweb/asm/commons/StaticInitMerger.java
* /opt/cola/permits/1135892456_1613626901.7/0/asm-commons-7-1-sources-2-
jar/org/objectweb/asm/commons/ModuleResolutionAttribute.java
* /opt/cola/permits/1135892456_1613626901.7/0/asm-commons-7-1-sources-2-
jar/org/objectweb/asm/commons/Remapper.java
* /opt/cola/permits/1135892456_1613626901.7/0/asm-commons-7-1-sources-2-

```

jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
* /opt/cola/permits/1135892456_1613626901.7/0/asm-commons-7-1-sources-2-
jar/org/objectweb/asm/commons/MethodRemapper.java
* /opt/cola/permits/1135892456_1613626901.7/0/asm-commons-7-1-sources-2-
jar/org/objectweb/asm/commons/AdviceAdapter.java
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jar/org/objectweb/asm/commons/ClassRemapper.java
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jar/org/objectweb/asm/commons/ModuleRemapper.java
* /opt/cola/permits/1135892456_1613626901.7/0/asm-commons-7-1-sources-2-
jar/org/objectweb/asm/commons/AnalyzerAdapter.java
* /opt/cola/permits/1135892456_1613626901.7/0/asm-commons-7-1-sources-2-
jar/org/objectweb/asm/commons/ModuleTargetAttribute.java
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jar/org/objectweb/asm/commons/SimpleRemapper.java
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jar/org/objectweb/asm/commons/FieldRemapper.java
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jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
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/**

* Constructs a new { @link SerialVersionUIDAdder}. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the { @link #SerialVersionUIDAdder(int, ClassVisitor)}
* version.

*

* @param classVisitor a { @link ClassVisitor} to which this visitor will delegate calls.

* @throws IllegalStateException If a subclass calls this constructor.

*/

Found in path(s):

* /opt/cola/permits/1135892456_1613626901.7/0/asm-commons-7-1-sources-2-
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1.146 libxcb 1.13.1 2

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1.147 bzip2 1.0.6 9.2~deb10u1

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1.148 jcl-over-slf4j 1.7.30

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1.149 cldr-dates-full 34.0.0

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1.150 commons-lang3 3.9

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1.158 libmnl 1.0.4-2

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xwd v1.0.7

xwd utility

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include/GL/gl.h :

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include/GL/glxext.h
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jar/org/apache/commons/logging/LogFactory.java
* /opt/cola/permits/1135880174_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-
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1.163 react-is 16.13.1

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1.164 httpclient 4.5.13

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1.165 libpng 1.6.36 6

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1.168 @babel/runtime 7.12.5

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1.169 intl-format-cache 2.2.9

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1.170 asm 7.1

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jar/org/objectweb/asm/signature/SignatureVisitor.java
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* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-
jar/org/objectweb/asm/ClassTooLargeException.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-
jar/org/objectweb/asm/signature/SignatureReader.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/FieldVisitor.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/Context.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/ByteVector.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/Symbol.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/ModuleWriter.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/Edge.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/ModuleVisitor.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/Opcodes.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/TypeReference.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/Handle.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/Constants.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/AnnotationWriter.java
```

* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/ClassReader.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/CurrentFrame.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/Label.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/MethodVisitor.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/ClassVisitor.java
* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/MethodWriter.java
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Found in path(s):

* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/package.html

* /opt/cola/permits/1001470342_1646171634.39/0/asm-7-1-sources-jar/org/objectweb/asm/signature/package.html

1.171 jwt core 4.3.0

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1.172 libsemanage 2.8-2

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(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.)

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

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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.

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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.)

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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.

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1.175 scala-collection-compat_2.12 2.0.0

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```
Manifest-Version: 1.0  
Bnd-LastModified: 1558117115020  
Bundle-Description: scala-collection-compat  
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0;description=Apache-2.0  
Bundle-ManifestVersion: 2  
Bundle-Name: scala-collection-compat  
Bundle-SymbolicName: org.scala-lang.modules.scala-collection-compat  
Bundle-Vendor: org.scala-lang.modules  
Bundle-Version: 2.0.0
```

Created-By: 1.8.0_151 (Oracle Corporation)
Export-Package: scala.collection.compat;version="2.0.0";uses:="scala,scala.collection,scala.collection.generic,scala.collection.immutable,scala.collection.mutable,scala.math,scala.reflect,scala.runtime",scala.collection.compat.immutable;version="2.0.0";uses:="scala,scala.collection,scala.collection.generic,scala.collection.immutable,scala.collection.mutable,scala.collection.parallel,scala.collection.parallel.immutable,scala.reflect,scala.runtime"
Implementation-Title: scala-collection-compat
Implementation-URL: http://www.scala-lang.org/
Implementation-Vendor: org.scala-lang.modules
Implementation-Vendor-Id: org.scala-lang.modules
Implementation-Version: 2.0.0
Import-Package: scala;version="[2.12,3)",scala.collection;version="[2.12,3)",scala.collection.generic;version="[2.12,3)",scala.collection.immutable;version="[2.12,3)",scala.collection.mutable;version="[2.12,3)",scala.collection.parallel;version="[2.12,3)",scala.collection.parallel.immutable;version="[2.12,3)",scala.math;version="[2.12,3)",scala.reflect;version="[2.12,3)",scala.runtime;version="[2.12,3)",scala.util.hashing;version="[2.12,3)"
Private-Package: org.scala-lang.modules.scala-collection-compat.*
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"
Specification-Title: scala-collection-compat
Specification-Vendor: org.scala-lang.modules
Specification-Version: 2.0.0
Tool: Bnd-4.0.0.201805111645

Found in path(s):

* /opt/cola/permits/1112678358_1607139977.05/0/scala-collection-compat-2-12-2-0-0-jar/META-INF/MANIFEST.MF

1.176 xorg 7.7+19

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Source Package: xorg

Debian/Ubuntu package authors: Branden Robinson, Fabio M. Di Nitto, Daniel Stone and others

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1.177 amqp-client 5.1.1

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1.178 asm-tree 7.1

1.179 jnr-ffi 2.1.14

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* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-  
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* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/Pointer.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/DefaultInvokerFactory.java
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* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/util/ref/FinalizableReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/util/ref/FinalizablePhantomReference.java
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* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/AbstractReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/Memory.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/AbstractNumberReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/Type.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/Runtime.java
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* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/util/AnnotationProperty.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/util/AnnotationProxy.java
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* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/Clear.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/SymbolNotFoundError.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/DelegatingMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/FromNativeContext.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/ParameterFlags.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/LastError.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/AbstractX86StubCompiler.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/MemoryManager.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/AllocatedDirectMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/DataConverter.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/LoadedLibrary.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/ArrayMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/NativeRuntime.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/Platform.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/AsmRuntime.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/AbstractBufferMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/StdCall.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/MethodParameterContext.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/DirectMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/JNIInvokeInterface.java
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jar/jnr/ffi/mapper/MethodResultContext.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/AbstractRuntime.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/AsmClassLoader.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/CodegenUtils.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/FunctionMapper.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/TypeMapper.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/NativeLongByReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/BadType.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/InvokerUtil.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/BoundedMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/IntByReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/Synchronized.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/LongLongByReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/DoubleByReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/Library.java
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* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/SaveError.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/NativeMemoryManager.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/Meta.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/X86_32StubCompiler.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/X86_64StubCompiler.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/StubCompiler.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/ByteBufferMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/InAccessibleMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/PointerByReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/AbstractA64StubCompiler.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/NullTypeMapper.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/util/EnumMapper.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/CallingConvention.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/Invoker.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/Out.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/FloatByReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/LibraryLoader.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/ARM_64StubCompiler.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/FromNativeConverter.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/In.java

* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/LibraryOption.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/AbstractArrayMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/AbstractMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/AsmUtil.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/JNINativeInterface.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/ByteByReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/Pinned.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/ShareMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/IdentityFunctionMapper.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/MemoryUtil.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/NullMemoryIO.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/AddressByReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/Direct.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/IgnoreError.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/NativeLong.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/SkinnyMethodAdapter.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/ByReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/Provider.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/byref/ShortByReference.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/InvocationSession.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/NativeLibrary.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/NulTerminate.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/ToNativeContext.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/ToNativeConverter.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/util/BufferUtil.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/Address.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/Transient.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/AsmLibraryLoader.java

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* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/platform/ppc64/linux/TypeAliases.java

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- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/LocalVariableAllocator.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/blkcnt_t.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/rlim_t.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/fsfilcnt_t.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/FromNativeType.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/converters/BoxedIntegerArrayParameterConverter.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/gid_t.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/ClosureTypeMapper.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/platform/i386/linux/TypeAliases.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/VariableAccessorGenerator.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/DefaultTypeMapper.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/AbstractToNativeType.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/platform/ppc/darwin/TypeAliases.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/TypeDefinition.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/ino64_t.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/Variable.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/Util.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/InvokerTypeMapper.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/converters/CharSequenceParameterConverter.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/socklen_t.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/NativeLibraryLoader.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/converters/BoxedDoubleArrayParameterConverter.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/platform/arm/linux/TypeAliases.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/converters/BoxedLong32ArrayParameterConverter.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/uid_t.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/id_t.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/converters/NativeLong64ArrayParameterConverter.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-

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 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/u_int32_t.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-
 jar/jnr/ffi/provider/jffi/ReflectionVariableAccessorGenerator.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/int64_t.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/FromNativeTypes.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-
 jar/jnr/ffi/provider/jffi/ReflectionLibraryLoader.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/key_t.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/nlink_t.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-
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 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-
 jar/jnr/ffi/provider/jffi/X86Disassembler.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/SignatureType.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-
 jar/jnr/ffi/provider/jffi/platform/x86_64/solaris/TypeAliases.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-
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 jar/jnr/ffi/mapper/AbstractSignatureTypeMapper.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/blksize_t.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-
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 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-
 jar/jnr/ffi/provider/jffi/BufferParameterStrategy.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/uintptr_t.java
 * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-
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 jar/jnr/ffi/mapper/CachingTypeMapper.java
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- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/Encoding.java
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- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/util/AnnotationNameComparator.java
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* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/types/in_port_t.java
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* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/AbstractAsmLibraryInterface.java
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* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/AbstractDataConverter.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/ObjectReferenceManager.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/StructLayout.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/annotations/Delegate.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/ClosureUtil.java
* /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/IntPtr.java
No license file was found, but licenses were detected in source scan.

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- */

Found in path(s):

- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/FromNativeType.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/ParameterType.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/NativeVariable.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/SimpleFunctionMapper.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/StructByReferenceResultConverterFactory.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/mapper/SimpleTypeMapper.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/InterfaceScanner.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/NativeFunction.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/ResultType.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/ToNativeType.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/Types.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/SigType.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/ConverterMetaData.java
- * /opt/cola/permits/1168753355_1622057372.29/0/jnr-ffi-2-1-14-sources-jar/jnr/ffi/provider/jffi/AnnotationTypeMapper.java

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1.182 jackson 2.10.3

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1.184 libbsd 0.9.1 2

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1.185 base-passwd 3.5.46

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Name: base-passwd

Maintainer: Colin Watson <cjwatson@debian.org>

Files: update-passwd.c, man/*

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Files: passwd.master, group.master

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X-Notes: Originally written by Ian Murdock <imurdock@debian.org> and

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1.186 amqp-client 5.1.1

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1.188 styled-components 5.1.1

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1.189 globals 11.12.0

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1.190 dom-helpers 3.4.0

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1.191 mawk 1.3.3 17+b3

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1.192 ca-certificates-java 20190405

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1.193 tar 1.30+dfsg 6

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```

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1.199 reactive-streams 1.0.2

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- * /opt/ws_local/PERMITS_SQL/1092915250_1600810885.15/0/reactive-streams-1-0-2-sources-1-jar/org/reactivestreams/Subscription.java
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- * /opt/ws_local/PERMITS_SQL/1092915250_1600810885.15/0/reactive-streams-1-0-2-sources-1-jar/org/reactivestreams/Processor.java

1.200 libxtst 1.2.3-1

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1.201 destroy 1.0.4

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1.202 forwarded 0.1.2

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1.203 jwt-core 4.3.0

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* /opt/cola/permits/1116680401_1608046502.93/0/akka-actor-2-11-2-5-32-sources-jar/akka/dispatch/forkjoin/package-info.java

* /opt/cola/permits/1116680401_1608046502.93/0/akka-actor-2-11-2-5-32-sources-jar/akka/dispatch/forkjoin/ThreadLocalRandom.java

* /opt/cola/permits/1116680401_1608046502.93/0/akka-actor-2-11-2-5-32-sources-jar/akka/dispatch/forkjoin/ForkJoinTask.java

- * /opt/cola/permits/1116680401_1608046502.93/0/akka-actor-2-11-2-5-32-sources-jar/akka/dispatch/forkjoin/LinkedTransferQueue.java
- * /opt/cola/permits/1116680401_1608046502.93/0/akka-actor-2-11-2-5-32-sources-jar/akka/dispatch/forkjoin/TransferQueue.java
- * /opt/cola/permits/1116680401_1608046502.93/0/akka-actor-2-11-2-5-32-sources-jar/akka/dispatch/forkjoin/RecursiveAction.java
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- * /opt/cola/permits/1116680401_1608046502.93/0/akka-actor-2-11-2-5-32-sources-jar/akka/dispatch/forkjoin/RecursiveTask.java
- * /opt/cola/permits/1116680401_1608046502.93/0/akka-actor-2-11-2-5-32-sources-jar/akka/dispatch/forkjoin/ForkJoinPool.java

1.205 redux-saga-delay-p 1.1.2

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1.206 cldr-core 34.0.0

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1.207 jsr305 3.0.2

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Found in path(s):

```
* /opt/cola/permits/1135861076_1613617584.8/0/jsr305-3-0-2-sources-4-  
jar/javax/annotation/concurrent/GuardedBy.java  
* /opt/cola/permits/1135861076_1613617584.8/0/jsr305-3-0-2-sources-4-  
jar/javax/annotation/concurrent/ThreadSafe.java  
* /opt/cola/permits/1135861076_1613617584.8/0/jsr305-3-0-2-sources-4-  
jar/javax/annotation/concurrent/Immutable.java  
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1.208 nss 3.42.1-1+deb10u3

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1.213 e2fsprogs 1.44.5 1+deb10u3

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

It is part of the main e2fsprogs distribution, which can be found at:

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This is the Debian GNU/Linux prepackaged version of the translation files of the EXT2 file system utilities. The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes

-

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system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Theodore Ts'o
23-June-2007

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That's all there is to it!

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the `ss` command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu/pub/linux/packages/ext2fs/

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
```

```
all:: image
```

```
real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic
```

```
image: $(BSD_LIB)
```

```
$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LD_FLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;' /$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LD_CONFIG)
```

```
install-strip: install
```

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::

\$(RM) -f \$(DESTDIR)\$(BSDLIB_INSTALL_DIR)/\$(BSD_LIB)

clean::

\$(RM) -rf pic

\$(RM) -f \$(BSD_LIB)

\$(RM) -f ../\$(BSD_LIB)

This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

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Gadi Oxman, August 1995

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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1.214 tika 1.25

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concluded that weaker conditions might promote sharing better.

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1.216 intl-messageformat 2.2.0

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1.217 jackson-databind 2.10.3

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Robert Lougher <rob@jamvm.org.uk>.

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1.220 jnr-constants 0.9.15

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1.222 Icms 2.9-3

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1.224 file 5.35-4+deb10u2

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1.225 config 1.3.3

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1.227 redux-beacon 2.1.0

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1.228 nettle 3.4.1-1

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```
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```

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1.229 slf4j 1.7.30

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```

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Upstream-Contact: Manoj Srivastava <srivasta@debian.org>

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1.231 redux-saga-core 1.1.3

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1.232 use-latest 1.2.0

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1.233 debug 2.6.9

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1.234 caffeine 2.7.0

1.235 sysv-init 2.93 9

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1.236 coreutils 8.30 3

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Version 3, 29 June 2007

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1.237 redux-saga-symbols 1.1.2

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1.238 intl-messageformat-parser 1.4.0

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1.239 jnr-x86asm 1.0.2

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1.240 shadow 4.5-1.1

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1.241 pcre 10.32-5

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Written by: Philip Hazel
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1.242 sed 4.7 1

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1.243 findutils 4.6.0+git+20190209 2

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Debian maintainer history: The original package was put together by Ian Murdock <imurdock@debian.org>, afterwards Kevin Dalley

<kevind@rahul.net> took over. 2003-07 Andreas Metzler
<ametzler@debian.org> followed.

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The idea for -print0 and xargs -0 came from

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Improvements have been made by James Youngman <jay@gnu.org>.

* GNU xargs

was originally written by Mike Rendell, with enhancements by David
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* GNU locate and its associated utilities were originally

written by James Woods, with enhancements by David MacKenzie, James Youngman
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1.244 glibc 2.28-10

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```
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This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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```
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
```

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1.247 akka-http 10.1.14

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1.248 attr 2.4.48 4

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src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,
mpi/hppa1.1/udiv-qrnnd.S, mpi/hppa1.1/mpih-mul2.S,
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/texp.c,
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

LIBGCRYPT Brad Hards 2006-02-09
Assigns Past and Future Changes
bradh@frogmouth.net
(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex.
added SHA-224, changed cipher/sha256.c, added HMAC tests.)

LIBGCRYPT Hye-Shik Chang 2006-09-07
Assigns Past and Future Changes
perky@freebsd.org
(SEED cipher)

LIBGCRYPT Werner Dittmann 2009-05-20
Assigns Past and Future Changes
werner.dittmann@t-online.de
(mpi/amd64, tests/mpitests.c)

GNUPG David Shaw
Assigns past and future changes.
dshaw@jabberwocky.com
(cipher/camellia-glue.c and related stuff)

LIBGCRYPT Andrey Jivsov 2010-12-09
Assigns Past and Future Changes
openpgp@brainhub.org
(cipher/ecc.c and related files)

LIBGCRYPT Ulrich Møller 2012-02-15
Assigns Past and Future Changes
ulm@gentoo.org
(Changes to cipher/idea.c and related files)

LIBGCRYPT Vladimir Serbinenko 2012-04-26
Assigns Past and Future Changes
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(cipher/serpent.c)

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=====

Libcrypt used to be part of GnuPG but has been taken out into its own package on 2000-12-21.

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The ECC code cipher/ecc.c was based on code by Sergi Blanch i Torne, sergi at calcurco dot org.

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- cipher/sha512-avx2-bmi2-amd64.S
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1.252 cldr-numbers-full 34.0.0

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1.253 mime 1.6.0

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1.254 rsync 3.1.3 6

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This package was put together by Philip Hands <phil@hands.com>, from sources obtained from:

<http://rsync.samba.org/ftp/rsync/rsync-2.5.4.tar.gz>

The current version was downloaded from:

<https://rsync.samba.org/ftp/rsync/src/rsync-3.1.3.tar.gz>

on 2018-12-02 by Samuel Henrique <samuelp@debian.org>.

The changes were very minimal - merely adding support for the Debian package maintenance scheme by adding various debian/* files.

The only significant change is passing the -4 / -6 options through to ssh. See the debian/patches/ directory.

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1.255 diffutils 3.7 3

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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

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- 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.)

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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

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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.

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END OF TERMS AND CONDITIONS

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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>

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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!

EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly
and see if he wants to relicense his code as LGPL... but at this point,
it was enough to just get it consistent and documented as to what it was
released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.=20

-- Nathan

=20

Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing

> libraries under

> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

> -mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

> I understand that, and you're welcome to bring it up with Alec directly

> and see if he wants to relicense his code as LGPL... but at this point,

> it was enough to just get it consistent and documented as to what it was

> released under. This wasn't actually a license change, just a

> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=
=20
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir=20
applications are also GPL-2 which imo is just wrong. it isnt the place of =
a=20
library to dictact to application writes what license they should be using.=
=20
thus LGPL-2.1 enters to fill this void.
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

=20

Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:33 PM

> To: Neulinger, Nathan

> Cc: cracklib-devel@li...; Alec Muffett

> Subject: Re: [Cracklib-devel] cracklib license

>=20

> On Monday 01 October 2007, Neulinger, Nathan wrote:

> > I understand that, and you're welcome to bring it up with Alec

> directly

> > and see if he wants to relicense his code as LGPL... but at this

> point,

> > it was enough to just get it consistent and documented as to what

> it was

> > released under. This wasn't actually a license change, just a

> > clarification of the licensing that was already in place.
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>=20
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> unless their
> applications are also GPL-2 which imo is just wrong. it isnt the
> place of a
> library to dictact to application writes what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>> Seems like the ideal thing here would be for you and the other distro
>> maintainers to get together with Alec in a conversation and come to a
>> decision as to what licensing scheme y'all want. I haven't really done
>> much other than cleaning up the packaging and patches and a small
>> bit of
>> additional code, so whatever licensing y'all come up with is fine
>> by me.
>
> I am sympathetic. Guys, what do you reckon?
>
> What I am hearing so far is that LGPL makes sense, since it can be
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
>>> Seems like the ideal thing here would be for you and the other distro
>>> maintainers to get together with Alec in a conversation and come to a
>>> decision as to what licensing scheme y'all want. I haven't really done
>>> much other than cleaning up the packaging and patches and a small
>>> bit of
>>> additional code, so whatever licensing y'all come up with is fine

>>> by me.
>>
>> I am sympathetic. Guys, what do you reckon?
>>
>> What I am hearing so far is that LGPL makes sense, since it can be
>> linked with any code, not just GPL...
>
> My apologies for not chiming in in anything resembling a reasonable
> timeframe.
>
> I'd also suggest the LGPL, for the reason you noted above. Alternately,
> GPLv2 with the option of using the library under a later version of the
> GPL would permit applications which were released under version 3 of the
> GPL to use the library, too, which would be sufficient for the packages
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.
>
> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
the change now ?
-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

>>> In any case, I thank you both for working on sorting this out.
>>
>> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
>> make the change now ?
>
> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

From alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtp020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
by rutherford.zen.co.uk with esmtp (Exim 4.50)
id 1IcOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>

Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21

>
> ----- Forwarded message -----
> From: Neulinger, Nathan <nneul@umr.edu>
> Date: Sep 27, 2007 2:58 PM
> Subject: RE: cracklib license
> To: alecm@crypto.dircon.co.uk
>
> Any chance you could write me a self-contained email stating clearly
> that the license is being changed to GPL, so I could include that
> email
> in the repository and clean up the repository/tarballs? I have all the
> original discussion, but something succinct and self contained
> would be
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

1.260 redux-immutable 4.0.0

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1.261 typesafe-config 1.3.3

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1.262 jwt-spray-json_2.12 4.3.0

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1.263 scalacache-caffeine 0.28.0

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1.264 redux-saga 1.1.3

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1.265 libpsl 0.20.2-2

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jar/com/google/common/primitives/UnsignedInteger.java
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jar/com/google/common/hash/Hasher.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/Queues.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/math/DoubleMath.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/Crc32cHashFunction.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/CacheBuilderSpec.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/RemovalListener.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/FutureCallback.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/ForwardingLoadingCache.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/BloomFilterStrategies.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/RegularImmutableMultiset.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ForwardingCheckedFuture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/RemovalNotification.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/math/IntMath.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Present.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/Funnel.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/UnsignedInts.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/Murmur3_128HashFunction.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/AbstractCache.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/UnsignedLong.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/math/package-info.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/Uninterruptibles.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/AbstractScheduledService.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/CacheStats.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/AbstractCompositeHashFunction.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/AbstractLoadingCache.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ExecutionError.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/ForwardingCache.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/Funnels.java

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jar/com/google/common/base/MoreObjects.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
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jar/com/google/common/eventbus/Subscriber.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/eventbus/Dispatcher.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/eventbus/SubscriberRegistry.java

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info.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ListeningExecutorService.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/package-info.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/SortedLists.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/annotations/package-info.java

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/*

* This following method is a modified version of one found in

* <http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30>

* which contained the following notice:

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* Other contributors include Andrew Wright, Jeffrey Hayes, Pat Fisher, Mike Judd.
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/util/concurrent/MoreExecutors.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/util/concurrent/AtomicLongMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/WellBehavedMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/GwtTransient.java
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Found in path(s):

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/Runnables.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/eventbus/SubscriberExceptionHandler.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Utf8.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/TypeVisitor.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/CharSequenceReader.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/HashingInputStream.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/VerifyException.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Verify.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/FilteredMultimapValues.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/AbstractTable.java

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- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/RegularImmutableList.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ComputationException.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/DiscreteDomain.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingTable.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableSortedMap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/SingletonImmutableTable.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableAsList.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ArrayTable.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/EmptyImmutableSetMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/SingletonImmutableList.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableTable.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableSetMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/RegularImmutableSortedSet.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableEnumSet.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ComparisonChain.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/AbstractIndexedListIterator.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableClassToInstanceMap.java

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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/UnsignedBytes.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/MapMakerInternalMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ForwardingFuture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/net/UrlEscapers.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/RegularImmutableTable.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Splitter.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/escape/Escapers.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/xml/XmlEscapers.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/Service.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/ReferenceEntry.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/net/InternetDomainName.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/ByteProcessor.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/SettableFuture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/ByteArrayDataInput.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/net/HostSpecifier.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/SparseImmutableTable.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Platform.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/DenseImmutableTable.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/escape/Platform.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/annotations/GwtIncompatible.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/AbstractService.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/ByteArrayDataOutput.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/TypeResolver.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/html/HtmlEscapers.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/AbstractIdleService.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/MapMaker.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/Cut.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/Callables.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/escape/ArrayBasedEscaperMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/SignedBytes.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/CacheBuilder.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/LocalCache.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/escape/ArrayBasedCharEscaper.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/annotations/GwtCompatible.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/LineProcessor.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ConsumingQueueIterator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/AggregateFutureState.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/LittleEndianByteArray.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/CombinedFuture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/AsyncCallable.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/Platform.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/FarmHashFingerprint64.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/ReaderInputStream.java

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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/Closeables.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/FinalizableWeakReference.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/Resources.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/HashBiMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/ByteStreams.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/package-info.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Objects.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Functions.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/package-info.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/eventbus/EventBus.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/EnumMultiset.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Suppliers.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/Files.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Predicates.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/eventbus/Subscribe.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/eventbus/DeadEvent.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Preconditions.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Supplier.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Function.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Throwables.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-

jar/com/google/common/base/FinalizableReference.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/Charsets.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/FinalizablePhantomReference.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/eventbus/package-info.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/io/CountingOutputStream.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/util/concurrent/AbstractFuture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/util/concurrent/package-info.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/Predicate.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/io/LineReader.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/Interners.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/io/LineBuffer.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/FinalizableReferenceQueue.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/AbstractIterator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/io/MultiInputStream.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/primitives/Primitives.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/eventbus/AsyncEventBus.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/FinalizableSoftReference.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/Defaults.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/io/CountingInputStream.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/util/concurrent/ListenableFuture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/io/Flushables.java

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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/SortedMapDifference.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingListMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/RowSortedTable.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/MinMaxPriorityQueue.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/AbstractSequentialIterator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/UnmodifiableListIterator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingSortedSetMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingSetMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingImmutableCollection.java

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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/IndexedImmutableSet.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/JdkBackedImmutableBiMap.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/JdkBackedImmutableMap.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/BaseImmutableMultimap.java

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- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/escape/CharEscaperBuilder.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/AbstractTransformFuture.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/TypeToken.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/CollectionFuture.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/FuturesGetChecked.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ImmediateFuture.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/TimeoutFuture.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/Futures.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/annotations/VisibleForTesting.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/PatternFilenameFilter.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/escape/CharEscaper.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/AppendableWriter.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/TimeLimiter.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/FluentFuture.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/CaseFormat.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/AggregateFuture.java

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jar/com/google/common/graph/Traverser.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/AbstractBaseGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/BaseGraph.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/ImmutableValueGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/GraphConnections.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/EndpointPairIterator.java
```

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/AbstractGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/MapRetrievalCache.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/GraphConstants.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/ElementOrder.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/MapIteratorCache.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/ValueGraphBuilder.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/LinkedHashMapMultimapGwtSerializationDependencies.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/ConfigurableMutableNetwork.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/DirectedMultiNetworkConnections.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/Comparators.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/EndpointPair.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/EdgesConnecting.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/MutableValueGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/AbstractValueGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/ConfigurableMutableGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/NetworkConnections.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/AbstractGraphBuilder.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/CollectCollectors.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/ForwardingNetwork.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/ConfigurableValueGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/ConfigurableNetwork.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/ForwardingValueGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/AbstractNetwork.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/ValueGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/ForwardingGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/ConfigurableMutableValueGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/DirectedNetworkConnections.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/DirectedGraphConnections.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/RangeGwtSerializationDependencies.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/NetworkBuilder.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/UndirectedNetworkConnections.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/MoreCollectors.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/UndirectedGraphConnections.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/MultiEdgesConnecting.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/graph/GraphBuilder.java

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/**
 * Returns an array containing all of the elements in the specified collection. This method
 * returns the elements in the order they are returned by the collection's iterator. The returned
 * array is "safe" in that no references to it are maintained by the collection. The caller is
 * thus free to modify the returned array.
 *
 * <p>This method assumes that the collection size doesn't change while the method is running.
 *
 * <p>TODO(kevinb): support concurrently modified collections?
 *
 * @param c the collection for which to return an array of elements
 */
```

Found in path(s):

```
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jar/com/google/common/collect/ObjectArrays.java
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ListenableFutureTask.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/Longs.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/escape/Escaper.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/net/PercentEscaper.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/AbstractCheckedFuture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/net/InetAddresses.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/SequentialExecutor.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/Chars.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/Shorts.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/thirdparty/publicsuffix/TrieParser.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/Doubles.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/CharMatcher.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/Floats.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/Ints.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/Bytes.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/Stopwatch.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/primitives/Booleans.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/CheckedFuture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-

jar/com/google/common/io/MultiReader.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/io/FileBackedOutputStream.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/internal/Finalizer.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/FluentIterable.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/escape/UnicodeEscaper.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/Joiner.java

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jar/com/google/common/collect/SortedMultiset.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/SortedMultisets.java

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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/AbstractRangeSet.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/RegularImmutableSortedMultiset.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/SortedIterable.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/RangeSet.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/SortedIterables.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableSortedMultiset.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/Count.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingSortedMultiset.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java

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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/LongAdder.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/AtomicDoubleArray.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/Striped64.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/Striped64.java

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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/math/StatsAccumulator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/CharSource.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/package-info.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/math/PairedStatsAccumulator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/math/LinearTransformation.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/html/package-info.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/RateLimiter.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/SipHashFunction.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/ClassPath.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/Closer.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/LongAddable.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/Invokable.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/base/StandardSystemProperty.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/Element.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/ByteSink.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/LongAddables.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/BaseEncoding.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/xml/package-info.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/CharSink.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/Parameter.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/ByteSource.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ServiceManager.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/math/Stats.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/TypeCapture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/MutableTypeToInstanceMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/SmoothRateLimiter.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/FilteredKeyMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/LongAddable.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/AbstractInvocationHandler.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/ChecksumHashFunction.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/math/PairedStats.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/AbstractByteHasher.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/reflect/TypeToInstanceMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableRangeMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/CartesianList.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/cache/LongAddables.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/escape/package-info.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/io/FileWriteMode.java

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jar/com/google/common/util/concurrent/ForwardingCondition.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/primitives/ImmutableIntArray.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/hash/AbstractHashFunction.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/util/concurrent/ForwardingLock.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/primitives/ImmutableDoubleArray.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/primitives/ImmutableLongArray.java
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jar/com/google/common/graph/MutableGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/ImmutableGraph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/io/InsecureRecursiveDeleteException.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/Graph.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/ImmutableNetwork.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/MutableNetwork.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/SuccessorsFunction.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/io/RecursiveDeleteOption.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/Network.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/Graphs.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/TopKSelector.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/graph/PredecessorsFunction.java
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*/
/**
* Holder for extra methods of {@code Objects} only in web. Intended to be empty for regular
* version.
*/
```

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```
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 */
/**
 * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
 * key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
 * version.
 *
 * @throws UnsupportedOperationException always
 * @deprecated <b>Pass a key of type {@code Comparable} to use {@link
 *   ImmutableSortedMap#of(Comparable, Object)}.</b>
 */
```

Found in path(s):

```
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableBiMapFauxverideShim.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/CollectSpliterators.java

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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/hash/ImmutableSupplier.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ExecutionSequencer.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/JdkBackedImmutableMultiset.java

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- */

Found in path(s):

- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/AbstractSetMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/Multimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/Synchronized.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingSet.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingListIterator.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/MapDifference.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ReverseNaturalOrdering.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ComparatorOrdering.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/EnumHashBiMap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableList.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/Multimaps.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingQueue.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/AbstractMapBasedMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/Ordering.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/TreeMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/SortedSetMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ListMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/SetMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/NullsLastOrdering.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/AbstractMapEntry.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingMap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-

jar/com/google/common/collect/RegularImmutableSet.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/AbstractMapBasedMultiset.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/CompoundOrdering.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/Iterators.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/package-info.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/NullsFirstOrdering.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/BiMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ForwardingIterator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ForwardingSortedSet.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/Iterables.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ForwardingConcurrentMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/LexicographicalOrdering.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/Sets.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/TreeMultiset.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ForwardingObject.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/Multisets.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/AbstractSortedSetMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ForwardingList.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/HashMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/AbstractBiMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/Multiset.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/AbstractMultiset.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/SingletonImmutableSet.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/HashMultiset.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-

jar/com/google/common/collect/ImmutableSet.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/UsingToStringOrdering.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/Interner.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ForwardingMultiset.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/LinkedListMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/EnumBiMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ConcurrentHashMultiset.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/Maps.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/AbstractIterator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ArrayListMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/NaturalOrdering.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/AbstractListMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ReverseOrdering.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ForwardingMapEntry.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/LinkedHashMultiset.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/MutableClassToInstanceMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ForwardingSortedMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ExplicitOrdering.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/LinkedHashMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ForwardingCollection.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ByFunctionOrdering.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ForwardingMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/Lists.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ClassToInstanceMap.java

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* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/CommonMatcher.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/PatternCompiler.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/JdkPattern.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/base/CommonPattern.java

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Found in path(s):

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/io/MoreFiles.java

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-

jar/com/google/common/collect/MultimapBuilder.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ImmutableMapEntry.java
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Found in path(s):

```
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/ImmutableMapKeySet.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/ImmutableMultimap.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/Tables.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/StandardRowSortedTable.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/Collections2.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/TreeBasedTable.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/RegularImmutableBiMap.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/Platform.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/ImmutableSortedSet.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/EmptyImmutableListMultimap.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/RegularImmutableMap.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/ImmutableMapEntrySet.java  
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-  
jar/com/google/common/collect/ImmutableBiMap.java
```

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/Serialization.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/SingletonImmutableBiMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableMapValues.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableListMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/UnmodifiableIterator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/Range.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableEntry.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/Table.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableMap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableCollection.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/StandardTable.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/CollectPreconditions.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/HashBasedTable.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/PeekingIterator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableMultiset.java

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- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/SortedMultisetBridge.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/CompactHashMap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/EvictingQueue.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/RangeMap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingImmutableSet.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/FilteredEntryMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/UnmodifiableSortedMultiset.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/TreeRangeMap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/FilteredKeyListMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/CompactLinkedHashSet.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/CompactHashSet.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingNavigableSet.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/AbstractMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingImmutableMap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/DescendingMultiset.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/AllEqualOrdering.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ForwardingDeque.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/ImmutableEnumMap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/AbstractNavigableMap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/collect/FilteredKeySetMultimap.java
- * /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-

```
jar/com/google/common/collect/RegularImmutableAsList.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/TransformedIterator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/ForwardingBlockingDeque.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/TransformedListIterator.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
jar/com/google/common/collect/FilteredEntrySetMultimap.java
* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-
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jar/com/google/common/collect/FilteredSetMultimap.java
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jar/com/google/common/collect/FilteredMultimap.java
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*
```

```
* As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's  
* java.util.HashMap class.
```

```
*/
```

Found in path(s):

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/Striped.java

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/**

* Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain
* {@code GwtIncompatible}. This is more accurate for {@link Futures#catching}, which is available
* under GWT but with a slightly different signature.

*

* <p>We can't use {@code PartiallyGwtIncompatible} because then the GWT compiler wouldn't recognize
* it as a {@code GwtIncompatible} annotation. And for {@code Futures.catching}, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
* version.

*/

Found in path(s):

* /opt/cola/permits/1110923419_1606871989.68/0/guava-26-0-jre-sources-2-jar/com/google/common/util/concurrent/Partially.java

1.267 systemd 241-7~deb10u6

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Constant-time SSSE3 AES core implementation.

version 0.1

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By Mike Hamburg (Stanford University), 2009

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For details see https://shiftright.org/papers/vector_aes/ and

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1.270 grep 3.3 1

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1.271 macro-compat_2.11 1.1.1

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```

Found in path(s):

```
* /opt/cola/permits/1112101321_1607037154.58/0/macro-compat-2-11-1-1-1-sources-3-
jar/macrocompat/bundle_2.11.scala
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1.272 symbol-observable 1.2.0

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1.273 scala-logging_2.12 3.9.2

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1.276 bouncy-castle 1.46

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Date:
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<dd><p>The psow query parameter works with the default windows and unix VFSEs but might be a no-op for other proprietary or non-standard VFSEs.

<dd><p>One might, for example, want to query all objects that overlap with the 35th parallel: SELECT id FROM demo_index WHERE maxY>=35.0 AND minY<=35.0; But, generally speaking, the more constraints that the R*Tree module has to work with, and the smaller the bounding box, the faster the results will come back. 3.4. Roundoff Error By default, coordinates are stored in an R*Tree using 32-bit floating point values. When a coordinate cannot be exactly represented by a 32-bit floating point number, the lower-bound coordinates are rounded down and the upper-bound coordinates are rounded up. Thus, bounding boxes might be slightly larger than specified, but will never be any smaller. This is exactly what is desired for doing the more common "overlapping" queries where the application wants to find every entry in the R*Tree that overlaps a query bounding box. Rounding the entry bounding boxes outward might cause a few extra entries to appear in an overlapping query if the edge of the entry bounding box corresponds to an edge of the query bounding box. But the overlapping query will never miss a valid table entry. However, for a "contained-within" style query, rounding the bounding boxes outward might cause some entries to be excluded from the result set if the edge of the entry bounding box corresponds to the edge of the query bounding box. To guard against this, applications should expand their contained-within query boxes slightly (by 0.000012%) by rounding down the lower coordinates and rounding up the top coordinates, in each dimension. 4. Using R*Trees Effectively For SQLite versions prior to 3.24.0 (2018-06-04), the only information that an R*Tree index stores about an object is its integer ID and its bounding box. Additional information needs to be stored in separate tables and related to the R*Tree index using the primary key. For the example above, one might create an auxiliary table as follows: CREATE TABLE demo_data(id INTEGER PRIMARY KEY, -- primary key objname TEXT, -- name of the object objtype TEXT, -- object type boundary BLOB -- detailed boundary of object); In this example, the demo_data.boundary field is intended to hold some kind of binary representation of the precise boundaries of the object. The R*Tree index only holds an axis-aligned rectangular boundary for the object. The R*Tree boundary is just an approximation of the true object boundary. So what typically happens is that the R*Tree index is used to narrow a search down to a list of candidate objects and then more detailed and expensive computations are done on each candidate to find if the candidate truly meets the search criteria. Key Point: An

R*Tree index does not normally provide the exact answer but merely reduces the set of potential answers from millions to dozens. Suppose the demo_data.boundary field holds some proprietary data description of a complex two-dimensional boundary for an object and suppose that the application has used the sqlite3_create_function() interface to create application-defined functions "contained_in" and "overlaps" accepting two demo_data.boundary objects and return true or false. One may assume that "contained_in" and "overlaps" are relatively slow functions that we do not want to invoke too frequently. Then an efficient way to find the name of all objects located within the North Carolina 12th District, one may be to run a query like this: SELECT objname FROM demo_data, demo_index WHERE demo_data.id=demo_index.id AND contained_in(demo_data.boundary, :boundary) AND minX>=-81.0 AND maxX<=-79.6 AND minY>=35.0 AND maxY>=36.2; In the query above, one would presumably bind the binary BLOB description of the precise boundary of the 12th district to the ":boundary" parameter. Notice how the query above works: The R*Tree index runs in the outer loop to find entries that are contained within the bounding box of longitude -81..-79.6 and latitude 35.0..36.2. For each object identifier found, SQLite looks up the corresponding entry in the demo_data table. It then uses the boundary field from the demo_data table as a parameter to the contained_in() function and if that function returns true, the objname field from the demo_data table is returned as the next row of query result. One would get the same answer without the use of the R*Tree index using the following simpler query: SELECT objname FROM demo_data WHERE contained_in(demo_data.boundary, :boundary); The problem with this latter query is that it must apply the contained_in() function to millions of entries in the demo_data table. The use of the R*Tree in the penultimate query reduces the number of calls to contained_in() function to a small subset of the entire table. The R*Tree index did not find the exact answer itself, it merely limited the search space.

4.1. Auxiliary Columns Beginning with SQLite version 3.24.0 (2018-06-04), r-tree tables can have auxiliary columns that store arbitrary data. Auxiliary columns can be used in place of secondary tables such as "demo_data". Auxiliary columns are marked with a "+" symbol before the column name. Auxiliary columns must come after all of the coordinate boundary columns. There is a limit of no more than 100 auxiliary columns. The following example shows an r-tree table with auxiliary columns that is equivalent to the two tables "demo_index" and "demo_data" above: CREATE VIRTUAL TABLE demo_index2 USING rtree(id, -- Integer primary key minX, maxX, -- Minimum and maximum X coordinate minY, maxY, -- Minimum and maximum Y coordinate +objname TEXT, -- name of the object +objtype TEXT, -- object type +boundary BLOB -- detailed boundary of object);

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* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/requirements.html  
No license file was found, but licenses were detected in source scan.
```

SQLite itself is in the [public domain](#) and can be used for any purpose. But TH3 is proprietary and requires a license.

Found in path(s):

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* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/th3.html  
No license file was found, but licenses were detected in source scan.
```

application code is free to use these routines as well, if desired.

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

SQLite is high-quality, public domain software. The goal of members can also request their own private, proprietary extensions

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

<h2>SQLite Is Public Domain</h2>

Public Domain

public domain

the public domain and originals of

author, and all of those authors have public domain dedications

domain and ensure that the code does not become contaminated with proprietary

SQLite is in the public domain and does not require a license.

the public domain.

have the legal right to dedicate the SQLite to the public domain, and

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SQLite core and like the SQLite core are in the public domain. The

The TH3 test harness is a set of proprietary tests, written in

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application is free to use the same database connection or the

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

<p>Public domain</p>

The source code for SQLite is in the public domain. No claim of copyright

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* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/different.html

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

Sources are in the public domain.

or some proprietary format into

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proprietary. The TH3 code is only accessible to SQLite developers.

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

data, so do not send the ".fullschema" output of a proprietary database

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application is free to use the same [database connection](..c3ref/sqlite3.html) or the

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<p>FOR IMMEDIATE RELEASE:</p>

<h2 align="center">SQLite Consortium Launches With Mozilla And Symbian As Charter Members</h2>

<h3 align="center">Ensures independent technical direction for world's most deployed SQL database engine</h3>

<p>Charlotte, North Carolina - December 12, 2007 - The SQLite Consortium, a new membership association dedicated to maintaining SQLite as a fully open and independent product, was formally announced today. Mozilla and Symbian Ltd. have joined the SQLite Consortium as charter members.</p>

<p>SQLite is a compact, high efficiency, high reliability, embeddable SQL database engine. The source code to SQLite is in the public domain and is available with no associated fees. SQLite is the most deployed SQL database engine in the world and is currently used in a wide range of commercial software products and electronic devices from leading manufacturers. SQLite is found today in many mobile phones, MP3 players, set-top boxes, and PCs.</p>

<p>The mission of the SQLite Consortium is to continue developing and enhancing SQLite as a product that anyone may use without paying royalties or licensing fees. Members of the SQLite Consortium provide funding to enable this mission and in return receive enterprise-level technical support. Technical control and direction of SQLite remains entirely with the SQLite developers.</p>

<p>Mozilla, developer of the popular open-source Firefox web browser, and Symbian, the market-leading open operating system for advanced data-enabled smartphones, both deploy the SQLite database engine in their products. As charter members of

the Consortium, Mozilla and Symbian are ensuring the development and support of SQLite as a freely accessible and public domain software asset.</p>

<p>"SQLite has become a popular embedded database because it is lightweight, fast, and open source," said Michael Schroepfer, Vice President of Engineering, Mozilla. "As a charter member of the SQLite Consortium, Mozilla is excited to help ensure SQLite remains a vibrant and open technology, in line with our mission to promote choice and innovation on the Internet."</p>

<p>"The SQLite Consortium will help set the standards for database management which are essential in smartphone functionality and will also help create a pool of developers, highly-skilled in SQLite for future mobile phone development, " said Bruce Carney, Director, Developer Programmes & Services, Symbian. "Our involvement with the SQL Consortium not only demonstrates Symbian's commitment to open standards in the industry, but as mobile phones become increasingly powerful and smartphones become increasingly popular, we are focused on ensuring that desktop developers, who move to the mobile space, have the easiest and most productive experience possible."</p>

<p>SQLite is a winner of the 2005 Google/O'Reilly Open Source Award. Additional information regarding the SQLite Consortium is available at the SQLite website, <http://www.sqlite.org/>.</p>

<center>

</center>

<p>About SQLite</p>

<p>SQLite is a software library that implements a self-contained, embeddable, serverless, zero-configuration, transactional SQL database engine. The code for SQLite is in the public domain and is free for any use, commercial or private. SQLite is currently found in countless software titles and electronic devices.</p>

<p>SQLite was originally developed and released 2000 by Dr. D. Richard Hipp. The code continues to be maintained and enhanced by an international team of developers under Hipp's direction.</p>

<p>
CONTACT INFORMATION:

SQLite Consortium

Dr. D. Richard Hipp

6200 Maple Cove Lane

Charlotte, NC 28269

Email: drh@sqlite.org

<http://www.sqlite.org/>

Tel: +1.704.948.4565

</p>

<p>About Mozilla</p>

<p>Mozilla is a global community dedicated to building free, open source products and technologies that improve the online experience for people everywhere. Mozilla works in the open with a highly disciplined, transparent and cooperative development process, under the umbrella of the non-profit Mozilla Foundation. As a wholly owned subsidiary, the Mozilla Corporation organizes the development and marketing of Mozilla products. This unique structure has enabled Mozilla to financially support and cultivate competitive, viable community innovation. For more information, visit www.mozilla.com.</p>

<p>CONTACT INFORMATION:

Mozilla Corporation

Jessica Waight

Tel: +1.415.345.4754

Email: jwaight@outcastpr.com

</p>

<p>About Symbian Limited</p>

<p>Symbian is a software licensing company that develops and licenses Symbian OS, the market-leading open operating system for advanced, data-enabled mobile phones known as smartphones.</p>

<p>Symbian licenses Symbian OS to the world's leading handset manufacturers and has built close co-operative business relationships with leading companies across the mobile industry. During Q3 2007, 20.4 million Symbian smartphones were sold worldwide to over 250 major network operators, bringing the total number of Symbian smartphones shipped up to 30 September 2007 to 165 million.</p>

<p>Symbian has its headquarters in London, United Kingdom, with offices in the United States, United Kingdom, Asia (India, P.R. China, and Korea) and Japan. For more information, please visit www.symbian.com.</p>

<p>CONTACT INFORMATION:

Symbian Global Press Office

Karen Hamblen

+44 207 154 1707

press@symbian.com

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* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/pressrelease-20071212.html

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

SQLite is in the public domain. This document describes what that means

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[public domain](copyright.html) and so most

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<title>SQLite Consortium Agreement</title>

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<h1 align="center">

SQLite Consortium Agreement

</h1>

<p>This SQLite Consortium Agreement ("Agreement") is made and entered into as of the ____ day of _____, 2007 ("Effective Date") by and between _____ (the "Company"), and Hipp, Wyrick & Company, Inc., a Georgia Corporation with headquarters at 6200 Maple Cove Lane, Charlotte, NC ("Hwaci").</p>

<p>WHEREAS, Hwaci is the developer of a serverless, embeddable, public domain SQL database engine available at <http://www.sqlite.org/> ("SQLite"); and</p>

<p>WHEREAS, Company wishes to support the independent development of the SQLite database engine to insure the continuing reliability, vitality, and independence of SQLite, and in connection therewith, Company wishes to provide funds for ongoing research, development, and maintenance of the SQLite code base, operation of the SQLite website, protection and maintenance of the SQLite trademark, as well as for promotion of SQLite at conferences and trade shows; and</p>

<p>WHEREAS, Company wishes to receive benefits in the form of services from Hwaci in consideration for their support of SQLite; and

<p>WHEREAS, Company and Hwaci each wish SQLite to be supported and maintained as an independent, community-driven project, and to

ensure the SQLite development team remains independent.</p>

<p>NOW, THEREFORE, in consideration of the mutual promises contained herein, the parties agree as follows:</p>

<h2>1.0 Definitions</h2>

<h3>1.1 SQLite Developers</h3>

<p>The "SQLite Developers" are the employees or contractors of Hwaci engaged in the development of SQLite, including without limitation the SQLite Architect.</p>

<h3>1.2 SQLite Architect</h3>

<p>The "SQLite Architect" is the SQLite Developer with ultimate responsibility and authority over changes and maintenance of the SQLite code. The current SQLite Architect is the original designer and developer of SQLite, D. Richard Hipp. Hwaci may change the SQLite Architect from time to time upon approval by Company.</p>

<h3>1.3 Consortium Member</h3>

<p>"Consortium Member" is a company or organization, including but not limited to Company, which has entered into an agreement with Hwaci which is substantially similar to this Agreement.</p></p>

<h2>2.0 Agreement</h2>

<h3>2.1 Responsibilities And Obligations Of SQLite Developers</h3>

<h4>2.1.1 General Support</h4>

<p>The SQLite Developers shall provide, without limit, timely and accurate answers, advice, and instruction in response to questions and comments from Company about SQLite submitted by email or by telephone at any time day or night.</p></p>

<h4>2.1.2 Debugging Support</h4>

The SQLite Developers shall at Company's request provide Company with direct assistance in debugging applications that are built upon or use SQLite. The combined time for Debugging Support and Custom Development for Company is limited to 330 hours per year.</p></p>

<h4>2.1.3 Custom Development</h4>

<p>The SQLite Developers shall at the request of Company write new extensions or enhancements to SQLite according to Company's specifications. These extensions

and enhancements may be proprietary to Company or open source or with the consent of both Company and the SQLite Architect may be folded into the public domain SQLite source tree.
The time devoted to Custom Development for Company is limited 220 hours per year.

2.1.4 Custom Builds

The SQLite Developers shall at Company's request provide Company with specialized builds of SQLite according to Company's specifications.

2.1.5 Legacy Support

The SQLite Developers shall at Company's request provide support and bug-fix patches for any historical version of SQLite.

2.1.6 Custom Testing

The SQLite Developers shall at Company's request set up and run acceptance tests according Company's specifications that are specifically designed to exercise SQLite as configured and used by Company. These acceptance tests shall be run and shall pass prior to any release of SQLite.

2.1.7 Priority Bug Fixes

The SQLite Developers shall assign highest priority to fixing bugs in SQLite that are reported by Company or in which Company has expressed a specific interest.

2.1.8 Code Quality

The SQLite Developers shall at all times keep the SQLite source code well commented and documented and clearly structured and organized so that an experienced and competent programmer can understand it and support it after no more than a few months of study.

2.1.9 Backwards Compatibility

The SQLite Developers recognize that Company uses SQLite in mission-critical applications and therefore shall work diligently to ensure continuing bug-free correct operation and backwards compatibility with prior releases.

2.1.10 Test Coverage

The SQLite Developers shall maintain the SQLite test suite such that no less than 95% source code coverage is provided.

</p>

<h4>2.1.11 Website</h4>

<p>The SQLite Developers shall maintain the SQLite website at http://www.sqlite.org/ in good working order and all SQLite source code shall be made freely available at such website.

</p>

<h3>2.2 Responsibilities And Obligations Of The SQLite Architect</h3>

<h4>2.2.1 Private Briefings</h4>

<p>The SQLite Architect shall, at the request of Company, provide Company with private notification and briefings of any new bugs or new features in SQLite that might effect Company's products.

</p>

<h4>2.2.2 Direction</h4>

<p>The SQLite Architect shall coordinate the activities of SQLite Developers and shall publish from time to time a roadmap of proposed future changes and enhancements to SQLite.

</p>

<h4>2.2.3 Oversight</h4>

<p>The SQLite Architect shall personally review all changes to the SQLite Source Code and take responsibility for the quality and correctness of those changes.

</p>

<h4>2.2.4 Continuity</h4>

<p>The initial SQLite Architect shall be the original developer of SQLite, D. Richard Hipp. The role of SQLite Architect shall not be assigned to another during the term of this Agreement except due to the disability of Dr. Hipp and with approval of Company.

</p>

<h3>2.3 Responsibilities And Obligations Of Hwaci</h3>

<h4>2.3.1 Employer</h4>

<p>Hwaci shall act as the employer of the SQLite Developers and SQLite Architect and shall make all tax and legal filings and tax withholding required by employers. Hwaci shall provide Company with W-9 information upon request.

</p>

<h4>2.3.2 Responsible Party</h4>

<p>All obligations of the SQLite Developers set forth in this agreement are deemed obligations of Hwaci. Hwaci shall recruit, employ, and supervise SQLite Developers in such a way that the responsibilities and obligations of the SQLite Developers set forth in this agreement are upheld.</p>

<h4>2.3.3 Multiple Developers</h4>

<p>Hwaci shall recruit and employ as many SQLite Developers for as many hours as can be reasonably achieved using the funds received from Consortium Members under this agreement.

So that support for SQLite will not be interrupted by the disability or withdrawal of any one SQLite Developer, Hwaci will keep at least two knowledgeable and competent SQLite Developers on staff.</p>

<h4>2.3.4 Mentorship</h4>

<p>Hwaci shall work to encourage independent programmers from around the world to become familiar with SQLite internals so that there will be a pool of talent able to support SQLite in the future.

</p>

<h4>2.3.5 Audits</h4>

<p>Hwaci shall keep and maintain complete and accurate records of the use of development funds provided by Company and shall allow Company, or its representative, a certified public accountant mutually acceptable to Hwaci and Company, during office hours and at reasonable intervals, no more than once every 12 months, to inspect and make extracts or copies of such records solely for the purpose of ascertaining Hwaci's compliance with the objectives and requirements of this agreement.

</p>

<h4>2.3.6 Disaster Planning</h4>

<p>Hwaci shall maintain backup copies of all SQLite source files and documentation, current and historical, at at least two separate locations separated from each other and from the primary on-line SQLite repository by at least 400 kilometers.

</p>

<h4>2.3.7 Trademark</h4>

<p>Hwaci shall maintain ownership of the SQLite trademark and the sqlite.org domain name and shall purchase bandwidth and server space for the http://www.sqlite.org/ website.

</p>

<h4>2.3.8 No Take-overs or Buy-outs</h4>

<p>Neither Hwaci nor the SQLite Architect shall relinquish development control of SQLite during the term of this Agreement, by acquisition or merger or by any other means, except with the consent of Company.</p></p>

<h4>2.3.9 New Consortium Members</h4>

<p>New Consortium Members may be accepted into the consortium from time to time under identical terms as this agreement, or under substantially similar terms that have been approved by existing Consortium Members.</p>

<h4>2.3.10 Adequate Staff</h4>

Hwaci shall recruit and employ a sufficient number of qualified SQLite Developers to easily cover all custom development, debugging, and general support service obligations for all Consortium Members while still providing ample time for the SQLite Developers to engage in general maintenance and extension of SQLite.</p></p>

<h4>2.3.11 Use Of Funds</h4>

<p>Hwaci shall use the funds provided hereunder solely for the development and maintenance of SQLite as set forth in this Agreement. Interest on funds received in advance and held in trust will be reinvested and used for the same purposes as the principal.</p></p>

<h3>2.4 Responsibilities And Obligations Of Company</h3>

<h4>2.4.1 Funding</h4>

<p>Company shall provide funding for the ongoing support and maintenance of SQLite as set forth in section 3.0 "Fees".</p></p>

<h4>2.4.2 Copyright Disclaimer</h4>

<p>Company acknowledges that SQLite source code and documentation published on the SQLite website is in the public domain and that nothing in this agreement shall change that fact.</p></p>

<h2>3.0 Fees</h2>

<p>In consideration of the performance by Hwaci, the SQLite Developers, and the SQLite Architect

of the obligations described herein,
Company shall pay Hwaci at least US \$75,000 per year in advance
either annually, quarterly, or monthly, at Company's discretion.</p>

<h2>4.0 Confidentiality</h2>

<h3>4.1 Definition of Confidential Information</h3>

<p>"Confidential Information" means any Company proprietary information, technical data, trade secrets or know-how, including, but not limited to, research, product plans, products, services, customers, customer lists, markets, software, developments, inventions, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, finances or other business information disclosed by Company either directly or indirectly in writing, orally or by drawings or inspection of parts or equipment.</p>

<h3>4.2 Non-Use and Non-Disclosure.</h3>

<p>Hwaci shall not, during or subsequent to the term of this Agreement, use Company's Confidential Information for any purpose whatsoever other than the performance of the Services or disclose Company's Confidential Information to any third party. The parties acknowledge that Confidential Information will remain the sole property of Company. Hwaci shall take all reasonable precautions to prevent any unauthorized disclosure of Confidential Information including, but not limited to, having each employee or consultant of Hwaci, if any, with access to any Confidential Information, execute a nondisclosure agreement containing provisions in Company's favor substantially similar to this Agreement. Confidential Information does not include information that: (i) is known to Hwaci at the time of disclosure to Hwaci by Company as evidenced by written records of Hwaci; (ii) has become publicly known and made generally available through no wrongful act of Hwaci; or (iii) has been received by Hwaci from a third party who is authorized to make such disclosure.</p>

<h4>4.2.1 Disclosure Required by Law</h4>

In the event any Confidential Information is required to be disclosed by Hwaci under the terms of a valid and effective subpoena or order issued by a court of competent jurisdiction, or by a demand or information request from an executive or administrative agency or other governmental authority, Hwaci shall, unless prohibited by the terms of a subpoena, order, or demand, promptly notify Company of the existence, terms and circumstances surrounding such demand or request, shall consult with Company on the advisability of taking legally available steps to resist

or narrow such demand or request, and, if disclosure of such Confidential Information is required, shall exercise its reasonable best efforts to narrow the scope of disclosure and obtain an order or other reliable assurance that confidential treatment will be accorded to such Confidential Information. To the extent that Hwaci is prohibited from notifying Company of a subpoena, order or demand, by the terms of same, Hwaci shall exercise its reasonable efforts to narrow the scope of disclosure.</p>

<h3>4.3 Return of Materials.</h3>

<p>Upon the termination of this Agreement, or upon Company's earlier request, Hwaci shall deliver to Company all of Company's property or Confidential Information that Hwaci may have in Hwaci's possession or control.</p>

<h2>5.0 Intellectual Property</h2>

<h3>5.1 No Assignment</h3>

<p>Company acknowledges that all copyrightable material, notes, records, drawings, designs, inventions, improvements, developments, discoveries and trade secrets made, generated, conceived, or reduced to practice by Hwaci related to SQLite will remain the property of Hwaci. Nothing in this Agreement will be construed to transfer any intellectual property right of Hwaci to Company.</p>

<h3>5.2 Availability and Public Domain Dedication</h3>

<p>The SQLite Developers and Hwaci shall, subject to their discretion as to the quality and suitability of the SQLite source code and documentation for public release, make the SQLite source code and documentation publicly available as downloadable files and make a public statement ceding all intellectual property rights, including but not limited to copyright and patent rights, in the SQLite source code and documentation to the public domain. To the extent that the SQLite Developers and Hwaci elect not to release the SQLite source code and documentation publicly, they shall provide copies thereof to Company and hereby grants to Company, under all of the SQLite Developers' and Hwaci's rights

including but not limited to copyright and patent rights, in and to the SQLite source code and documentation, perpetual, irrevocable, worldwide, non-exclusive, sublicenseable license to use, copy, prepare derivative works of, publicly perform and display the SQLite source code and documentation and derivative works thereof.</p>

<h3>5.3 Trademark</h3>

<p>Hwaci shall use the name "SQLite" only to apply to the publicly available project known by such name as of the Effective Date. Hwaci may in its discretion file such trademark applications or registrations as it deems appropriate to protect or record its rights therein, and may set such policies as it deems appropriate for licensing the use of the trademark.</p>

<h2>6.0 Representations And Warranties</h2>

<h3>6.1 Intellectual Property Clearances.</h3>

<p>Hwaci hereby represents and warrants that Hwaci shall enter into agreements with the SQLite Developers sufficient to enable Hwaci to undertake the obligations of Section 5.</p>

<h3>6.2 Disclaimer.</h3>

<p>THE WORK PRODUCT AND ALL MATERIAL PROVIDED BY HWACI AND COMPANY ARE PROVIDED "AS IS." NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND, WHETHER ORAL OR WRITTEN, WHETHER EXPRESS, IMPLIED, OR ARISING BY STATUTE, CUSTOM, COURSE OF DEALING OR TRADE USAGE, WITH RESPECT TO THE SUBJECT MATTER HEREOF, IN CONNECTION WITH THIS AGREEMENT. EACH PARTY SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OR CONDITIONS OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT.</p>

<h2>7.0 Term And Termination</h2>

<h3>7.1 Term.</h3>

<p>This Agreement will commence on the Effective Date and will continue until 12 months after the Effective Date. Thereafter, the parties may by mutual consent renew this Agreement subject to agreement on fees to be paid by Company for sponsorship for additional periods.</p>

<h3>7.2 Termination.</h3>

<p>If either party materially defaults in the performance of any of its material obligations hereunder and if any such default is not corrected within 30 days after notice in writing, then the non-defaulting party, at its option, may, in addition to any other remedies it may have, thereupon terminate this Agreement by giving written notice of termination to the defaulting party.</p>

<h3>7.3 Survival.</h3>

<p>Upon such termination all rights and duties of the parties toward each other will cease except: Sections 4 (Confidentiality), 5 (Intellectual Property), and 8 (Miscellaneous) will survive termination of this Agreement.</p>

<h2>8. Miscellaneous</h2>

<h3>8.1 Nonassignment/Binding Agreement.</h3>

<p>The parties acknowledge that the unique nature of Hwaci's services are substantial consideration for the parties' entering into this Agreement. Neither this Agreement nor any rights under this Agreement may be assigned or otherwise transferred by Hwaci, in whole or in part, whether voluntarily or by operation of law, without the prior written consent of Company, which consent will not be unreasonably withheld. Subject to the foregoing, this Agreement will be binding upon and will inure to the benefit of the parties and their respective successors and assigns. Any assignment in violation of the foregoing will be null and void.</p>

<h3>8.2 Notices.</h3>

<p>Any notice required or permitted under the terms of this Agreement or required by law must be in writing and must be: (a) delivered in person; (b) sent by first class registered mail, or air mail, as appropriate; or (c) sent by overnight air courier, in each case properly posted and fully prepaid to the appropriate address set forth in the preamble to this Agreement. Either party may change its address for notice by notice to the other party given in accordance with this Section. Notices will be considered to have been given at the time of actual delivery in person, three business days after deposit in the mail as set forth above, or one day after

delivery to an overnight air courier service.</p>

<h3>8.3 Waiver.</h3>

<p>Any waiver of the provisions of this Agreement or of a party's rights or remedies under this Agreement must be in writing to be effective. Failure, neglect, or delay by a party to enforce the provisions of this Agreement or its rights or remedies at any time, will not be construed as a waiver of such party's rights under this Agreement and will not in any way affect the validity of the whole or any part of this Agreement or prejudice such party's right to take subsequent action. No exercise or enforcement by either party of any right or remedy under this Agreement will preclude the enforcement by such party of any other right or remedy under this Agreement or that such party is entitled by law to enforce.</p>

<h3>8.4 Severability.</h3>

<p>If any term, condition, or provision in this Agreement is found to be invalid, unlawful or unenforceable to any extent, the parties shall endeavor in good faith to agree to such amendments that will preserve, as far as possible, the intentions expressed in this Agreement. If the parties fail to agree on such an amendment, such invalid term, condition or provision will be severed from the remaining terms, conditions and provisions, which will continue to be valid and enforceable to the fullest extent permitted by law.</p>

<h3>8.5 Integration.</h3>

<p>This Agreement contains the entire agreement of the parties with respect to the subject matter of this Agreement and supersedes all previous communications, representations, understandings and agreements, either oral or written, between the parties with respect to said subject matter. This Agreement may not be amended, except by a writing signed by both parties.</p>

<h3>8.6 Counterparts.</h3>

<p>This Agreement may be executed in counterparts, each of which so executed will be deemed to be an original and such counterparts together will constitute one and the same agreement.</p>

<h3>8.7 Governing Law.</h3>

<p>This Agreement will be interpreted and construed in accordance with the laws of the State of North Carolina and the United States of America, without regard to conflict of law principles. All disputes arising out of this Agreement will be subject to the exclusive jurisdiction of the state and federal courts located in North Carolina, and each party hereby consents to the personal jurisdiction thereof.</p>

<h3>8.8 Independent Contractors.</h3>

<p>It is the intention of the parties that Hwaci is an independent contractor. Nothing in this Agreement will in any way be construed to constitute Hwaci or any of its employees as an agent, employee or representative of Company.</p>

<h2>9.0 Signatures</h2>

<p>The parties have executed this Agreement below to indicate their acceptance of its terms.</p>

<table width="100%" border="0">

<tr><td valign="top">

HWACI

By:<hr>

<p> </p>

Print Name:<hr>

<p> </p>

Title:<hr>

<p> </p>

</td><td width="10%"></td>

<td valign="top">

COMPANY

By:<hr>

<p> </p>

Print Name:<hr>

<p> </p>

Title:<hr>

<p> </p>

</td></tr></table>

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/consortium_agreement-20071201.html

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

is free to use SQLite from multiple threads, but it must make sure

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/custombuild.html

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

<h2>Proprietary SQLite Extensions</h2>

public domain. But there also exist proprietary, licensed extensions to SQLite.</p>

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/support.html

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

public domain. No claim of ownership is made

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/faq.html

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

other proprietary or non-standard VFSes.

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/uri.html

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

```
#!/usr/bin/tclsh.docsrc
```

```
#### Import of wapp.tcl
```

```
# Copyright (c) 2017 D. Richard Hipp
```

```
#
```

```
# This program is free software; you can redistribute it and/or  
# modify it under the terms of the Simplified BSD License (also  
# known as the "2-Clause License" or "FreeBSD License".)
```

```
#
```

```
# 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.
```

```
#
```

```
#-----
```

```
#
```

```
# Design rules:
```

```
#
```

```
# (1) All identifiers in the global namespace begin with "wapp"
```

```
#
```

```
# (2) Identifiers intended for internal use only begin with "wappInt"
```

```
#
```

```

# Add text to the end of the HTTP reply. No interpretation or transformation
# of the text is performed. The argument should be enclosed within {...}
#
proc wapp {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add text to the page under construction. Do no escaping on the text.
#
# Though "unsafe" in general, there are uses for this kind of thing.
# For example, if you want to return the complete, unmodified content of
# a file:
#
#     set fd [open content.html rb]
#     wapp-unsafe [read $fd]
#     close $fd
#
# You could do the same thing using ordinary "wapp" instead of "wapp-unsafe".
# The difference is that wapp-safety-check will complain about the misuse
# of "wapp", but it assumes that the person who writes "wapp-unsafe" understands
# the risks.
#
# Though occasionally necessary, the use of this interface should be minimized.
#
proc wapp-unsafe {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add text to the end of the reply under construction. The following
# substitutions are made:
#
# %html(...)    Escape text for inclusion in HTML
# %url(...)     Escape text for use as a URL
# %qp(...)      Escape text for use as a URI query parameter
# %string(...)  Escape text for use within a JSON string
# %unsafe(...)  No transformations of the text
#
# The substitutions above terminate at the first ")" character. If the
# text of the TCL string in ... contains ")" characters itself, use instead:
#
# %html%(...)%
# %url%(...)%
# %qp%(...)%
# %string%(...)%
# %unsafe%(...)%

```

```

#
# In other words, use "%(...)" instead of "(...)" to include the TCL string
# to substitute.
#
# The %unsafe substitution should be avoided whenever possible, obviously.
# In addition to the substitutions above, the text also does backslash
# escapes.
#
proc wapp-subst {txt} {
    global wapp
    regsub -all {% (html|url|qp|string|unsafe){1,1}?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# Works like wapp-subst, but also removes whitespace from the beginning
# of lines.
#
proc wapp-trim {txt} {
    global wapp
    regsub -all {\n\s+} [string trim $txt] \n txt
    regsub -all {% (html|url|qp|string|unsafe){1,1}?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# There must be a wappInt-enc-NAME routine for each possible substitution
# in wapp-subst. Thus there are routines for "html", "url", "qp", and "unsafe".
#
# wappInt-enc-html      Escape text so that it is safe to use in the
#                        body of an HTML document.
#
# wappInt-enc-url       Escape text so that it is safe to pass as an
#                        argument to href= and src= attributes in HTML.
#
# wappInt-enc-qp        Escape text so that it is safe to use as the
#                        value of a query parameter in a URL or in
#                        post data or in a cookie.
#
# wappInt-enc-string    Escape ", ', \, and < for using inside of a
#                        javascript string literal. The < character
#                        is escaped to prevent "</script>" from causing
#                        problems in embedded javascript.
#
# wappInt-enc-unsafe    Perform no encoding at all. Unsafe.
#
proc wappInt-enc-html {txt} {
    return [string map {& &lt; &gt; &quot; \\ &#92;} $txt]
}

```

```

}
proc wappInt-enc-unsafe {txt} {
    return $txt
}
proc wappInt-enc-url {s} {
    if {[regsub -all {[^~?=#_./a-zA-Z0-9]} $s {[wappInt-%HHchar {&}] s]} {
        set s [subst -novar -noback $s]
    }
    if {[regsub -all {{{}}} $s {[wappInt-%HHchar \\&}] s]} {
        set s [subst -novar -noback $s]
    }
    return $s
}
proc wappInt-enc-qp {s} {
    if {[regsub -all {[^~?=#_./a-zA-Z0-9]} $s {[wappInt-%HHchar {&}] s]} {
        set s [subst -novar -noback $s]
    }
    if {[regsub -all {{{}}} $s {[wappInt-%HHchar \\&}] s]} {
        set s [subst -novar -noback $s]
    }
    return $s
}
proc wappInt-enc-string {s} {
    return [string map {\ \ \ \ \ " \ \ \ \ ' \ \ ' < \u003c} $s]
}

```

This is a helper routine for wappInt-enc-url and wappInt-enc-qp. It returns
an appropriate %HH encoding for the single character c. If c is a unicode
character, then this routine might return multiple bytes: %HH%HH%HH
#

```

proc wappInt-%HHchar {c} {
    if {$c==" "} {return +}
    return [regsub -all .. [binary encode hex [encoding convertto utf-8 $c]] {%&}]
}

```

Undo the www-url-encoded format.

#

HT: This code stolen from ncgi.tcl

#

```

proc wappInt-decode-url {str} {
    set str [string map [list + { } "\\" "\\\\" "\[" "\[" "\[" "\["] $str]
    regsub -all -- \
        {%([Ee][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
        $str {[encoding convertfrom utf-8 [binary decode hex \1\2\3]]} str
    regsub -all -- \
        {%(CDcd)[A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
        $str {[encoding convertfrom utf-8 [binary decode hex \1\2]]} str
}

```

```

regsub -all -- {%([0-7][A-Fa-f0-9])} $str {\u00\1} str
return [subst -novar $str]
}

# Reset the document back to an empty string.
#
proc wapp-reset {} {
    global wapp
    dict set wapp .reply {}
}

# Change the mime-type of the result document.
#
proc wapp-mimetype {x} {
    global wapp
    dict set wapp .mimetype $x
}

# Change the reply code.
#
proc wapp-reply-code {x} {
    global wapp
    dict set wapp .reply-code $x
}

# Set a cookie
#
proc wapp-set-cookie {name value} {
    global wapp
    dict lappend wapp .new-cookies $name $value
}

# Unset a cookie
#
proc wapp-clear-cookie {name} {
    wapp-set-cookie $name {}
}

# Add extra entries to the reply header
#
proc wapp-reply-extra {name value} {
    global wapp
    dict lappend wapp .reply-extra $name $value
}

# Specifies how the web-page under construction should be cached.
# The argument should be one of:
#

```

```

# no-cache
# max-age=N          (for some integer number of seconds, N)
# private,max-age=N
#
proc wapp-cache-control {x} {
  wapp-reply-extra Cache-Control $x
}

# Redirect to a different web page
#
proc wapp-redirect {uri} {
  wapp-reply-code {307 Redirect}
  wapp-reply-extra Location $uri
}

# Return the value of a wapp parameter
#
proc wapp-param {name {dflt {}}} {
  global wapp
  if {![dict exists $wapp $name]} {return $dflt}
  return [dict get $wapp $name]
}

# Return true if a and only if the wapp parameter $name exists
#
proc wapp-param-exists {name} {
  global wapp
  return [dict exists $wapp $name]
}

# Set the value of a wapp parameter
#
proc wapp-set-param {name value} {
  global wapp
  dict set wapp $name $value
}

# Return all parameter names that match the GLOB pattern, or all
# names if the GLOB pattern is omitted.
#
proc wapp-param-list {{glob {*}}} {
  global wapp
  return [dict keys $wapp $glob]
}

# By default, Wapp does not decode query parameters and POST parameters
# for cross-origin requests. This is a security restriction, designed to
# help prevent cross-site request forgery (CSRF) attacks.

```



```

#
# As a consequence of this restriction, URLs for sites generated by Wapp
# that contain query parameters will not work as URLs found in other
# websites. You cannot create a link from a second website into a Wapp
# website if the link contains query planner, by default.
#
# Of course, it is sometimes desirable to allow query parameters on external
# links. For URLs for which this is safe, the application should invoke
# wapp-allow-xorigin-params. This procedure tells Wapp that it is safe to
# go ahead and decode the query parameters even for cross-site requests.
#
# In other words, for Wapp security is the default setting. Individual pages
# need to actively disable the cross-site request security if those pages
# are safe for cross-site access.
#
proc wapp-allow-xorigin-params {} {
    global wapp
    if {![dict exists $wapp .qp] && ![dict get $wapp SAME_ORIGIN]} {
        wappInt-decode-query-params
    }
}

# Set the content-security-policy.
#
# The default content-security-policy is very strict: "default-src 'self'"
# The default policy prohibits the use of in-line javascript or CSS.
#
# Provide an alternative CSP as the argument. Or use "off" to disable
# the CSP completely.
#
proc wapp-content-security-policy {val} {
    global wapp
    if {$val=="off"} {
        dict unset wapp .csp
    } else {
        dict set wapp .csp $val
    }
}

# Examine the bodys of all procedures in this program looking for
# unsafe calls to various Wapp interfaces. Return a text string
# containing warnings. Return an empty string if all is ok.
#
# This routine is advisory only. It misses some constructs that are
# dangerous and flags others that are safe.
#
proc wapp-safety-check {} {
    set res {}

```

```

foreach p [info procs] {
  set ln 0
  foreach x [split [info body $p] \n] {
    incr ln
    if {[regexp {^[ \t]*wapp[ \t]+([\n]+)} $x all tail]
      && [string index $tail 0]!="\173"
      && [regexp {[[\]]} $tail]
    } {
      append res "$p:$ln: unsafe \"wapp\" call: \"[string trim $x]\"\\n"
    }
    if {[regexp {^[ \t]*wapp-(subst(trim)[ \t]+[^\173]) $x all cx]} {
      append res "$p:$ln: unsafe \"wapp-$cx\" call: \"[string trim $x]\"\\n"
    }
  }
}
return $res
}

```

```

# Return a string that describes the current environment. Applications
# might find this useful for debugging.

```

```

#
proc wapp-debug-env {} {
  global wapp
  set out {}
  foreach var [lsort [dict keys $wapp]] {
    if {[string index $var 0]=="."} continue
    append out "$var = [list [dict get $wapp $var]]\\n"
  }
  append out "\\[pwd\\] = [list [pwd]]\\n"
  return $out
}

```

```

# Tracing function for each HTTP request. This is overridden by wapp-start
# if tracing is enabled.

```

```

#
proc wappInt-trace {} {}

```

```

# Start up a listening socket. Arrange to invoke wappInt-new-connection
# for each inbound HTTP connection.

```

```

#
# port      Listen on this TCP port. 0 means to select a port
#           that is not currently in use
#
# wappmode  One of "scgi", "server", or "local".
#

```

```

proc wappInt-start-listener {port wappmode} {
  if {$wappmode=="scgi"} {
    set type SCGI
  }
}

```

```

set server [list wappInt-new-connection wappInt-scgi-readable $wappmode]
} else {
set type HTTP
set server [list wappInt-new-connection wappInt-http-readable $wappmode]
}
if {$wappmode=="local"} {
set x [socket -server $server -myaddr 127.0.0.1 $port]
} else {
set x [socket -server $server $port]
}
set coninfo [chan configure $x -sockname]
set port [lindex $coninfo 2]
if {$wappmode=="local"} {
wappInt-start-browser http://127.0.0.1:$port/
} else {
puts "Listening for $type requests on TCP port $port"
}
}

# Start a web-browser and point it at $URL
#
proc wappInt-start-browser {url} {
global tcl_platform
if {$tcl_platform(platform)=="windows"} {
exec cmd /c start $url &
} elseif {$tcl_platform(os)=="Darwin"} {
exec open $url &
} elseif {[catch {exec xdg-open $url}]} {
exec firefox $url &
}
}

# This routine is a "socket -server" callback. The $chan, $ip, and $port
# arguments are added by the socket command.
#
# Arrange to invoke $callback when content is available on the new socket.
# The $callback will process inbound HTTP or SCGI content.
#
proc wappInt-new-connection {callback wappmode chan ip port} {
upvar #0 wappInt-$chan W
set W [dict create REMOTE_ADDR $ip REMOTE_PORT $port WAPP_MODE $wappmode \
.header {}]
fconfigure $chan -blocking 0 -translation binary
fileevent $chan readable [list $callback $chan]
}

# Close an input channel
#

```

```

proc wappInt-close-channel {chan} {
  if {$chan=="stdout"} {
    # This happens after completing a CGI request
    exit 0
  } else {
    unset ::wappInt-$chan
    close $chan
  }
}

# Process new text received on an inbound HTTP request
#
proc wappInt-http-readable {chan} {
  if {[catch [list wappInt-http-readable-unsafe $chan] msg]} {
    puts stderr "$msg\n$::errorInfo"
    wappInt-close-channel $chan
  }
}

proc wappInt-http-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if {[dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header
    set line [string trimright [gets $chan]]
    set n [string length $line]
    if {$n>0} {
      if {[dict get $W .header]=="" || [regexp {^\s+} $line]} {
        dict append W .header $line
      } else {
        dict append W .header \n$line
      }
    }
    if {[string length [dict get $W .header]]>100000} {
      error "HTTP request header too big - possible DOS attack"
    }
  } elseif {$n==0} {
    # We have reached the blank line that terminates the header.
    global argv0
    set a0 [file normalize $argv0]
    dict set W SCRIPT_FILENAME $a0
    dict set W DOCUMENT_ROOT [file dir $a0]
    if {[wappInt-parse-header $chan]} {
      catch {close $chan}
      return
    }
    set len 0
    if {[dict exists $W CONTENT_LENGTH]} {
      set len [dict get $W CONTENT_LENGTH]
    }
  }
}

```

```

if {$len>0} {
    # Still need to read the query content
    dict set W .toread $len
} else {
    # There is no query content, so handle the request immediately
    set wapp $W
    wappInt-handle-request $chan 0
}
}
} else {
    # If .toread is set, that means we are reading the query content.
    # Continue reading until .toread reaches zero.
    set got [read $chan [dict get $W .toread]]
    dict append W CONTENT $got
    dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
    if {[dict get $W .toread]<=0} {
        # Handle the request as soon as all the query content is received
        set wapp $W
        wappInt-handle-request $chan 0
    }
}
}

# Decode the HTTP request header.
#
# This routine is always running inside of a [catch], so if
# any problems arise, simply raise an error.
#
proc wappInt-parse-header {chan} {
    upvar #0 wappInt-$chan W
    set hdr [split [dict get $W .header] \n]
    if {$hdr==""} {return 1}
    set req [lindex $hdr 0]
    dict set W REQUEST_METHOD [set method [lindex $req 0]]
    if {[lsearch {GET HEAD POST} $method]<0} {
        error "unsupported request method: \"[dict get $W REQUEST_METHOD]\""
    }
    set uri [lindex $req 1]
    set split_uri [split $uri ?]
    set uri0 [lindex $split_uri 0]
    if {![regexp {-a-z0-9_/*} $uri0]} {
        error "invalid request uri: \"$uri0\""
    }
    dict set W REQUEST_URI $uri0
    dict set W PATH_INFO $uri0
    set uri1 [lindex $split_uri 1]
    dict set W QUERY_STRING $uri1
    set n [lindex $hdr]
}

```

```

for {set i 1} {$i<$n} {incr i} {
  set x [lindex $hdr $i]
  if {[regexp {^(.+):+(.*)$} $x all name value]} {
    error "invalid header line: \"$x\""
  }
  set name [string toupper $name]
  switch -- $name {
    REFERER {set name HTTP_REFERER}
    USER-AGENT {set name HTTP_USER_AGENT}
    CONTENT-LENGTH {set name CONTENT_LENGTH}
    CONTENT-TYPE {set name CONTENT_TYPE}
    HOST {set name HTTP_HOST}
    COOKIE {set name HTTP_COOKIE}
    ACCEPT-ENCODING {set name HTTP_ACCEPT_ENCODING}
    default {set name .hdr:$name}
  }
  dict set W $name $value
}
return 0
}

# Decode the QUERY_STRING parameters from a GET request or the
# application/x-www-form-urlencoded CONTENT from a POST request.
#
# This routine sets the ".qp" element of the ::wapp dict as a signal
# that query parameters have already been decoded.
#
proc wappInt-decode-query-params {} {
  global wapp
  dict set wapp .qp 1
  if {[dict exists $wapp QUERY_STRING]} {
    foreach qterm [split [dict get $wapp QUERY_STRING] &] {
      set qsplit [split $qterm =]
      set nm [lindex $qsplit 0]
      if {[regexp {[a-z][a-z0-9]*$} $nm]} {
        dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
      }
    }
  }
}

if {[dict exists $wapp CONTENT_TYPE] && [dict exists $wapp CONTENT]} {
  set ctype [dict get $wapp CONTENT_TYPE]
  if {$ctype=="application/x-www-form-urlencoded"} {
    foreach qterm [split [string trim [dict get $wapp CONTENT]] &] {
      set qsplit [split $qterm =]
      set nm [lindex $qsplit 0]
      if {[regexp {[a-z][a-z0-9_]*$} $nm]} {
        dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
      }
    }
  }
}

```

```

}
} elseif {[string match multipart/form-data* $ctype]} {
  regexp {^(.*?)\r\n(.*?)$} [dict get $wapp CONTENT] all divider body
  set ndiv [string length $divider]
  while {[string length $body]} {
    set idx [string first $divider $body]
    set unit [string range $body 0 [expr {$idx-3}]]
    set body [string range $body [expr {$idx+$ndiv+2}] end]
    if {[regexp {^Content-Disposition: form-data; (.*?)\r\n\r\n(.*?)$} \
      $unit unit hdr content] &&
      [regexp {name="(.*?)"; filename="(.*?)"\r\nContent-Type: (.*?)$} \
        $hdr hr name filename mimetype]} {
      dict set wapp $name.filename \
        [string map [list \\\" \" \\\\ \] $filename]
      dict set wapp $name.mimetype $mimetype
      dict set wapp $name.content $content
    }
  }
}
}
}

# Invoke application-supplied methods to generate a reply to
# a single HTTP request.
#
# This routine always runs within [catch], so handle exceptions by
# invoking [error].
#
proc wappInt-handle-request {chan useCgi} {
  global wapp
  dict set wapp .reply {}
  dict set wapp .mimetype {text/html; charset=utf-8}
  dict set wapp .reply-code {200 Ok}
  dict set wapp .csp {default-src 'self'}

  # Set up additional CGI environment values
  #
  if {[dict exists $wapp HTTP_HOST]} {
    dict set wapp BASE_URL {}
  } elseif {[dict exists $wapp HTTPS]} {
    dict set wapp BASE_URL https://[dict get $wapp HTTP_HOST]
  } else {
    dict set wapp BASE_URL http://[dict get $wapp HTTP_HOST]
  }
  if {[dict exists $wapp REQUEST_URI]} {
    dict set wapp REQUEST_URI /
  } elseif {[regsub {\?.*} [dict get $wapp REQUEST_URI] {} newR]} {
    # Some servers (ex: nginx) append the query parameters to REQUEST_URI.

```

```

# These need to be stripped off
dict set wapp REQUEST_URI $newR
}
if {[dict exists $wapp SCRIPT_NAME]} {
  dict append wapp BASE_URL [dict get $wapp SCRIPT_NAME]
} else {
  dict set wapp SCRIPT_NAME {}
}
if {[dict exists $wapp PATH_INFO]} {
  # If PATH_INFO is missing (ex: nginx) the construct it
  set URI [dict get $wapp REQUEST_URI]
  set skip [string length [dict get $wapp SCRIPT_NAME]]
  dict set wapp PATH_INFO [string range $URI $skip end]
}
if {[regexp {^/(^/)+(.*)$} [dict get $wapp PATH_INFO] all head tail]} {
  dict set wapp PATH_HEAD $head
  dict set wapp PATH_TAIL [string trimleft $tail /]
} else {
  dict set wapp PATH_INFO {}
  dict set wapp PATH_HEAD {}
  dict set wapp PATH_TAIL {}
}
dict set wapp SELF_URL [dict get $wapp BASE_URL]/[dict get $wapp PATH_HEAD]

# Parse query parameters from the query string, the cookies, and
# POST data
#
if {[dict exists $wapp HTTP_COOKIE]} {
  foreach qterm [split [dict get $wapp HTTP_COOKIE] {;}] {
    set qspl [split [string trim $qterm] =]
    set nm [lindex $qspl 0]
    if {[regexp {^[a-z][-a-z0-9_]*$} $nm]} {
      dict set wapp $nm [wappInt-decode-url [lindex $qspl 1]]
    }
  }
}
set same_origin 0
if {[dict exists $wapp HTTP_REFERER]} {
  set referer [dict get $wapp HTTP_REFERER]
  set base [dict get $wapp BASE_URL]
  if {$referer==$base || [string match $base/* $referer]} {
    set same_origin 1
  }
}
dict set wapp SAME_ORIGIN $same_origin
if {$same_origin} {
  wappInt-decode-query-params
}

```



```

# Invoke the application-defined handler procedure for this page
# request. If an error occurs while running that procedure, generate
# an HTTP reply that contains the error message.
#
wapp-before-dispatch-hook
wappInt-trace
set mname [dict get $wapp PATH_HEAD]
if {[catch {
  if {$mname!="" && [llength [info proc wapp-page-$mname]]>0} {
    wapp-page-$mname
  } else {
    wapp-default
  }
} msg]} {
  if {[wapp-param WAPP_MODE]=="local" || [wapp-param WAPP_MODE]=="server"} {
    puts "ERROR: $::errorInfo"
  }
  wapp-reset
  wapp-reply-code "500 Internal Server Error"
  wapp-mimetype text/html
  wapp-trim {
    <h1>Wapp Application Error</h1>
    <pre>%html($::errorInfo)</pre>
  }
  dict unset wapp .new-cookies
}

# Transmit the HTTP reply
#
if {$chan=="stdout"} {
  puts $chan "Status: [dict get $wapp .reply-code]\r"
} else {
  puts $chan "HTTP/1.1 [dict get $wapp .reply-code]\r"
  puts $chan "Server: wapp\r"
  puts $chan "Connection: close\r"
}
if {[dict exists $wapp .reply-extra]} {
  foreach {name value} [dict get $wapp .reply-extra] {
    puts $chan "$name: $value\r"
  }
}
if {[dict exists $wapp .csp]} {
  puts $chan "Content-Security-Policy: [dict get $wapp .csp]\r"
}
set mimetype [dict get $wapp .mimetype]
puts $chan "Content-Type: $mimetype\r"
if {[dict exists $wapp .new-cookies]} {

```

```

foreach {nm val} [dict get $wapp .new-cookies] {
  if {[regexp {^[a-z][-a-z0-9_]*$} $nm]} {
    if {$val==""} {
      puts $chan "Set-Cookie: $nm=; HttpOnly; Path=/; Max-Age=1\r"
    } else {
      set val [wappInt-enc-url $val]
      puts $chan "Set-Cookie: $nm=$val; HttpOnly; Path=\r"
    }
  }
}
}
}
}
if {[string match text/* $mimetype]} {
  set reply [encoding convertto utf-8 [dict get $wapp .reply]]
  if {[regexp {\ygzip\y} [wapp-param HTTP_ACCEPT_ENCODING]]} {
    catch {
      set x [zlib gzip $reply]
      set reply $x
      puts $chan "Content-Encoding: gzip\r"
    }
  }
} else {
  set reply [dict get $wapp .reply]
}
puts $chan "Content-Length: [string length $reply]\r"
puts $chan \r
puts $chan $reply
flush $chan
wappInt-close-channel $chan
}

```

```

# This routine runs just prior to request-handler dispatch. The
# default implementation is a no-op, but applications can override
# to do additional transformations or checks.
#
proc wapp-before-dispatch-hook {} {return}

```

```

# Process a single CGI request
#
proc wappInt-handle-cgi-request {} {
  global wapp env
  foreach key {
    CONTENT_LENGTH
    CONTENT_TYPE
    DOCUMENT_ROOT
    HTTP_ACCEPT_ENCODING
    HTTP_COOKIE
    HTTP_HOST
    HTTP_REFERER

```

```

HTTP_USER_AGENT
HTTPS
PATH_INFO
QUERY_STRING
REMOTE_ADDR
REQUEST_METHOD
REQUEST_URI
REMOTE_USER
SCRIPT_FILENAME
SCRIPT_NAME
SERVER_NAME
SERVER_PORT
SERVER_PROTOCOL
} {
  if {[info exists env($key)]} {
    dict set wapp $key $env($key)
  }
}
set len 0
if {[dict exists $wapp CONTENT_LENGTH]} {
  set len [dict get $wapp CONTENT_LENGTH]
}
if {$len>0} {
  fconfigure stdin -translation binary
  dict set wapp CONTENT [read stdin $len]
}
dict set wapp WAPP_MODE cgi
fconfigure stdout -translation binary
wappInt-handle-request stdout 1
}

# Process new text received on an inbound SCGI request
#
proc wappInt-scgi-readable {chan} {
  if {[catch [list wappInt-scgi-readable-unsafe $chan] msg]} {
    puts stderr "$msg\n$::errorInfo"
    wappInt-close-channel $chan
  }
}
proc wappInt-scgi-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if {[dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header.
    #
    # An SGI header is short. This implementation assumes the entire
    # header is available all at once.
    #

```

```

set req [read $chan 15]
set n [string length $req]
scan $req %d:%s len hdr
incr len [string length "$len:,"]
append hdr [read $chan [expr {$len-15}]]
foreach {nm val} [split $hdr \000] {
    if {$nm==","} break
    dict set W $nm $val
}
set len 0
if {[dict exists $W CONTENT_LENGTH]} {
    set len [dict get $W CONTENT_LENGTH]
}
if {$len>0} {
    # Still need to read the query content
    dict set W .toread $len
} else {
    # There is no query content, so handle the request immediately
    set wapp $W
    wappInt-handle-request $chan 0
}
} else {
    # If .toread is set, that means we are reading the query content.
    # Continue reading until .toread reaches zero.
    set got [read $chan [dict get $W .toread]]
    dict append W CONTENT $got
    dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
    if {[dict get $W .toread]<=0} {
        # Handle the request as soon as all the query content is received
        set wapp $W
        wappInt-handle-request $chan 0
    }
}
}

# Start up the wapp framework. Parameters are a list passed as the
# single argument.
#
# -server $PORT    Listen for HTTP requests on this TCP port $PORT
#
# -local $PORT     Listen for HTTP requests on 127.0.0.1:$PORT
#
# -scgi $PORT     Listen for SCGI requests on TCP port $PORT
#
# -cgi            Handle a single CGI request
#
# With no arguments, the behavior is called "auto". In "auto" mode,
# if the GATEWAY_INTERFACE environment variable indicates CGI, then run

```

```

# as CGI. Otherwise, start an HTTP server bound to the loopback address
# only, on an arbitrary TCP port, and automatically launch a web browser
# on that TCP port.
#
# Additional options:
#
# -trace          "puts" each request URL as it is handled, for
#                 debugging
#
# -lint          Run wapp-safety-check on the application instead
#                 of running the application itself
#
# -Dvar=value     Set TCL global variable "var" to "value"
#
#
proc wapp-start {arglist} {
    global env
    set mode auto
    set port 0
    set n [llength $arglist]
    for {set i 0} {$i<$n} {incr i} {
        set term [lindex $arglist $i]
        if {[string match --* $term]} {set term [string range $term 1 end]}
        switch -glob -- $term {
            -server {
                incr i;
                set mode "server"
                set port [lindex $arglist $i]
            }
            -local {
                incr i;
                set mode "local"
                set port [lindex $arglist $i]
            }
            -scgi {
                incr i;
                set mode "scgi"
                set port [lindex $arglist $i]
            }
            -cgi {
                set mode "cgi"
            }
            -trace {
                proc wappInt-trace {} {
                    set q [wapp-param QUERY_STRING]
                    set uri [wapp-param BASE_URL][wapp-param PATH_INFO]
                    if {$q!=""} {append uri ?$q}
                    puts $uri
                }
            }
        }
    }
}

```

```

    }
  }
  -lint {
    set res [wapp-safety-check]
    if {$res!=""} {
      puts "Potential problems in this code:"
      puts $res
      exit 1
    } else {
      exit
    }
  }
  -D*=* {
    if {[regexp {^D([^\=]+)=(.*)$} $term all var val]} {
      set ::$var $val
    }
  }
  default {
    error "unknown option: $term"
  }
}
if {($mode=="auto"
  && [info exists env(GATEWAY_INTERFACE)]
  && [string match CGI/1.* $env(GATEWAY_INTERFACE)])
  || $mode=="cgi"
} {
  wappInt-handle-cgi-request
  return
}
if {$mode=="scgi"} {
  wappInt-start-listener $port scgi
} elseif {$mode=="server"} {
  wappInt-start-listener $port server
} else {
  wappInt-start-listener $port local
}
vwait ::forever
}

# Call this version 1.0
package provide wapp 1.0

#### End of wapp.tcl

# Generate all header content for the output document
#
proc search_header {} {

```

```

wapp-trim {
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">
<html><head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<link href="sqlite.css" rel="stylesheet">
<title>Search SQLite Documentation</title>
<!-- path= -->
</head>
<body>
<div class=nosearch>
<a href="index.html">

</a>
<div><!-- IE hack to prevent disappearing logo --></div>
<div class="tagline desktoponly">
Small. Fast. Reliable.<br>Choose any three.
</div>
<div class="menu mainmenu">
<ul>
<li><a href="index.html">Home</a>
<li class='mobileonly'><a href="javascript:void(0)" onclick='toggle_div("submenu")'>Menu</a>
<li class='wideonly'><a href='about.html'>About</a>
<li class='desktoponly'><a href="docs.html">Documentation</a>
<li class='desktoponly'><a href="download.html">Download</a>
<li class='wideonly'><a href='copyright.html'>License</a>
<li class='desktoponly'><a href="support.html">Support</a>
<li class='desktoponly'><a href="prosupport.html">Purchase</a>
<li class='search' id='search_menubutton'>
<a href="javascript:void(0)" onclick='toggle_search()'>Search</a>
</li>
</ul>
</div>
<div class="menu submenu" id="submenu">
<ul>
<li><a href='about.html'>About</a>
<li><a href='docs.html'>Documentation</a>
<li><a href='download.html'>Download</a>
<li><a href='support.html'>Support</a>
<li><a href='prosupport.html'>Purchase</a>
</ul>
</div>
<div class="searchmenu" id="searchmenu">
<form method="GET" action="search">
<select name="s" id="searchtype">
<option value="d">Search Documentation</option>
<option value="c">Search Changelog</option>
</select>
<input type="text" name="q" id="searchbox" value="">

```

```

<input type="submit" value="Go">
</form>
</div>
</div>
<script>
function toggle_div(nm) {
var w = document.getElementById(nm);
if( w.style.display=="block" ){
w.style.display = "none";
}else{
w.style.display = "block";
}
}

function toggle_search() {
var w = document.getElementById("searchmenu");
if( w.style.display=="block" ){
w.style.display = "none";
} else {
w.style.display = "block";
setTimeout(function(){
document.getElementById("searchbox").focus()
}, 30);
}
}

function div_off(nm){ document.getElementById(nm).style.display="none";}
window.onbeforeunload = function(e){ div_off("submenu");}
/* Disable the Search feature if we are not operating from CGI, since */
/* Search is accomplished using CGI and will not work without it. */
if( !location.origin.match || !location.origin.match(/http/) ){
document.getElementById("search_menubutton").style.display = "none";
}
/* Used by the Hide/Show button beside syntax diagrams, to toggle the */
function hideorshow(btn,obj){
var x = document.getElementById(obj);
var b = document.getElementById(btn);
if( x.style.display!='none' ){
x.style.display = 'none';
b.innerHTML='show';
}else{
x.style.display = "";
b.innerHTML='hide';
}
return false;
}
</script>
</div>
}
}

```



```

#-----
# Add an entry to the log database for the current query. Which
# returns $nRes results.
#
proc search_add_log_entry {nRes} {
  if {[wapp-param-exists donotlog]} return
  sqlite3 db2 [file dir [wapp-param SCRIPT_FILENAME]]/search.d/searchlog.db
  db2 timeout 10000
  set ip [wapp-param REMOTE_ADDR]
  set query [wapp-param q]
  db2 eval {
    PRAGMA synchronous=OFF;
    PRAGMA journal_mode=OFF;
    BEGIN;
    CREATE TABLE IF NOT EXISTS log(
      ip,          -- IP query was made from
      query,       -- Fts5 query string
      nres,        -- Number of results
      timestamp DEFAULT CURRENT_TIMESTAMP
    );
    INSERT INTO log(ip, query, nres) VALUES($ip, $query, $nRes);
    COMMIT;
  }
  db2 close
}

```

```

#-----
# This command is similar to the builtin Tcl [time] command, except that
# it only ever runs the supplied script once. Also, instead of returning
# a string like "xxx microseconds per iteration", it returns "x.yy ms" or
# "x.yy s", depending on the magnitude of the time spent running the
# command. For example:
#
# % ttime {after 1500}
# 1.50 s
# % ttime {after 45}
# 45.02 ms
#
proc ttime {script} {
  set t [lindex [time [list uplevel $script]] 0]
  if {$t>1000000} { return [format "%.2f s" [expr {$t/1000000.0}]] }
  return [format "%.2f ms" [expr {$t/1000.0}]]
}

#-----
# Do a search of the change log
#

```

```

proc searchchanges { } {
  set q [wapp-param q]
  if {$q==""} {return {}}
  set open {<span style="background-color:#d9f2e6">}
  set close {</span>}
  set query {
    SELECT url, version, idx, highlight(change, 3, $open, $close) AS text
    FROM change($q) ORDER BY rowid ASC
  }
  wapp-trim {
    <p>Change log entries mentioning: <b>%html($q)</b>
    <table border=0>
  }
  set s2 "style=\"margin-top:0\""
  set s1 "style=\"font-size:larger; text-align:left\" class=nounderline"
  set prev ""
  db eval $query {
    if {$prev!=$version} {
      wapp-trim {
        <tr> <td %unsafe($s1) valign=top> <a href='%url($url)'>%html($version)</a>
        <td> <ul %unsafe($s2)>
      }
      set prev $version
    }
    wapp-subst {<li value=%html($idx)> (%html($idx)) %unsafe($text)\n}
  }
  wapp-trim {
    </table>
    <center><p>You can also see the <a href=changes.html>entire
    changelog as a single page</a> if you wish.</center>
  }
}

#-----
# Do a search over all documentation other than the change log
#
proc searchresults { } {
  set q [wapp-param q]
  if {$q==""} {return ""}

  # Count the "" characters in $::A(q). If there is an odd number of
  # occurrences, add a " to the end of the query so that fts5 can parse
  # it without error.
  if {[regexp -all \x22 $q] % 2} { append q \x22 }

  # Set iStart to the index of the first result to display. Results are
  # indexed starting at zero from most to least relevant.
  #

```

```

set iStart 0
catch {set iStart [expr {[wapp-param i 0]*10}]}

# Grab a list of rowid results.
#
set sql {
  SELECT rowid FROM page WHERE page MATCH $q
  ORDER BY srnk(page) DESC,
  rank * COALESCE(
    (SELECT percent FROM weight WHERE id=page.rowid), 100
  );
}
if {[catch { set IRowid [db eval $sql] }] } {
  set x ""
  foreach word [split $q " "] {
    append x "[string map [list "" ""\"] $word]\\"
  }
  set q [string trim $x]
  set IRowid [db eval $sql]
}

set IRes [list]
foreach rowid $IRowid {
  if {$rowid > 1000} {
    set parent [expr $rowid / 1000]
    lappend subsections($parent) $rowid
  } else {
    lappend IRes $rowid
  }
}

set nRes [llength $IRes]
set IRes [lrange $IRes $iStart [expr $iStart+9]]

# Add an entry to the log database.
#
search_add_log_entry $nRes

# If there are no results, return a message to that effect.
#
if {[llength $IRes] == 0} {
  wapp-subst {<p>No Results for: <b>%html($q)</b>\n}
}

# HTML markup used to highlight keywords within FTS5 generated snippets.
#
set open {<span style="background-color:#d9f2e6">}
set close {</span>}

```

```

set ellipsis {<b>&nbsp;&nbsp;&nbsp;...&nbsp;&nbsp;&nbsp;</b>}

# Grab the required data
#
db eval [string map [list %LIST% [join $IRowid ,]] {
  SELECT
    rowid AS parentid,
    snippet(page, 0, $open, $close, $ellipsis, 6) AS s_apis,
    snippet(page, 2, $open, $close, ", 40) AS s_title1,
    snippet(page, 3, $open, $close, $ellipsis, 40) AS s_title2,
    snippet(page, 4, $open, $close, $ellipsis, 40) AS s_content,
    url, rank
  FROM page($q)
  WHERE rowid IN (%LIST%)
}] X {
  foreach k [array names X] { set data($X(parentid),$k) [set X($k)] }
}

set i1 [expr {$iStart+1}]
set i2 [expr {($nRes < $iStart+10) ? $nRes : $iStart+10}]
wapp-trim {
  <table border=0>
  <p>Search results %html($i1)..%html($i2) of %html($nRes) for: <b>%html($q)</b>
}

foreach rowid $IRes {

  foreach a {parentid s_apis s_title1 s_content url rank} {
    set $a $data($rowid,$a)
  }

  if {[info exists subsections($parentid)]} {
    set childid [lindex $subsections($parentid) 0]
    set link $data($childid,url)
    set hdr $data($childid,s_title2)

    if {$hdr==""} {
      set s_content ""
    } else {
      set s_content [subst {
        <b><a style=color:#044a64 href=$link>$hdr</a></b>
      }]
    }
  }

  append s_content " $data($childid,s_content)"
}

wapp-trim {<tr>

```

```

<td valign=top style="line-height:150%">
  <div style="white-space:wrap;font-size:larger" class=nounderline>
    <a href="%url($url)">%unsafe($s_title1)</a>
    <div style="float:right;font-size:smaller;color:#BBB">(%url($url))</div>
  </div>
  <div style="margin-left: 10ex; font:larger monospace">%unsafe($s_apis)</div>
  <div style="margin-left: 4ex; margin-bottom:1.5em">
    %unsafe($s_content)
  </div>
</td>
}
}
wapp-subst {</table>\n}

```

```

# If the query returned more than 10 results, add up to 10 links to
# each set of 10 results (first link to results 1-10, second to 11-20,
# third to 21-30, as required).
#
if {$nRes>10} {
  set s(0) {border:solid #044a64 1px;padding:1ex;margin:1ex;line-height:300%;}
  set s(1) "$s(0);background:#044a64;color:white"
  wapp-subst {<center><p>\n}
  for {set i 0} {$i < 10 && ($i*10)<$nRes} {incr i} {
    set style $s([expr {(($iStart/10)==$i)])
    wapp-trim {
      <a style="%html($style)"
        href="search?q=%qp($q)&i=%qp($i)">%html([expr $i+1])</a>
    }
  }
  wapp-subst {</center>\n}
}
}

```

```

# This is the main entry point into the search result page generator
#
proc wapp-default {} {
  wapp-content-security-policy {default-src 'self' 'unsafe-inline'}
  wapp-allow-xorigin-params
  if {[wapp-param-exists env]} {
    search_header
    wapp-trim {
      <h1>Environment Dump For Debugging</h1>
      <pre>%html([wapp-debug-env])</pre>
    }
    return
  }
}

```

```

# When running using the built-in webserver in Wapp (in other words,
# when not running as CGI) any filename that contains a "." loads
# directly from the filesystem.
if {[wapp-param WAPP_MODE]!="cgi"
  && [string match *.* [wapp-param PATH_INFO]]
} {
  set altfile [file dir [wapp-param SCRIPT_FILENAME]][wapp-param PATH_INFO]
  set fd [open $altfile rb]
  fconfigure $fd -translation binary
  wapp-unsafe [read $fd]
  close $fd
  switch -glob -- $altfile {
    *.html {
      wapp-mimetype text/html
    }
    *.css {
      wapp-mimetype text/css
    }
    *.gif {
      wapp-mimetype image/gif
    }
  }
  return
}

```

```

search_header
sqlite3 db [file dir [wapp-param SCRIPT_FILENAME]]/search.d/search.db
set searchType [wapp-param s d]
if {$searchType=="c"} {
  set cmd searchchanges
} else {
  set cmd searchresults
}
db transaction {
  set t [time {$cmd}]
}
wapp-trim {
  <center>
  <p>Page generated by <a href='fts5.html'>FTS5</a> in about %html($t).
  </center>
  <script>
  window.addEventListener('load', function() {
    var w = document.getElementById("searchmenu");
    w.style.display = "block";
    w = document.getElementById("searchtype");
    w.value = "%string($searchType)"
    setTimeout(function(){
      var s = document.getElementById("searchbox");

```

```
s.value = "%string([wapp-param q])"  
s.focus();  
s.select();  
}, 30);  
});  
</script>  
}  
}  
wapp-start $argv
```

Found in path(s):

```
* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/search  
No license file was found, but licenses were detected in source scan.
```

Suppose the demo_data.boundary field holds some proprietary data description

Found in path(s):

```
* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/rtree.html  
No license file was found, but licenses were detected in source scan.
```

without a shared lock, other processes are free to modify the database

Found in path(s):

```
* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/atomiccommit.html  
No license file was found, but licenses were detected in source scan.
```

SQLite is open source, and is available in the public domain

Found in path(s):

```
* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/books.html  
No license file was found, but licenses were detected in source scan.
```

If N>0 then the connection is free to use more of the WAL file beyond

Found in path(s):

```
* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/walformat.html  
No license file was found, but licenses were detected in source scan.
```

public domain.

Found in path(s):

```
* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/changes.html  
No license file was found, but licenses were detected in source scan.
```

```
<li> <a href='copyright.html'>Public domain source code</a>  
<a href="copyright.html">public domain</a> and is thus free for
```

Found in path(s):

```
* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/about.html
```

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

access to all proprietary extensions and test suites.

access to all proprietary extensions and test suites.

```
<a href="https://www.sqlite.org/copyright.html">public domain</a>,</pre>
```

Found in path(s):

```
* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/prosupport.html
```

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

```
#!/usr/bin/tclsh.docsrc
```

```
#### Import of wapp.tcl
```

```
# Copyright (c) 2017 D. Richard Hipp
```

```
#
```

```
# This program is free software; you can redistribute it and/or
```

```
# modify it under the terms of the Simplified BSD License (also
```

```
# known as the "2-Clause License" or "FreeBSD License".)
```

```
#
```

```
# 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.
```

```
#
```

```
#-----
```

```
#
```

```
# Design rules:
```

```
#
```

```
# (1) All identifiers in the global namespace begin with "wapp"
```

```
#
```

```
# (2) Identifiers intended for internal use only begin with "wappInt"
```

```
#
```

```
# Add text to the end of the HTTP reply. No interpretation or transformation
```

```
# of the text is performed. The argument should be enclosed within {...}
```

```
#
```

```
proc wapp {txt} {
```

```
    global wapp
```

```
    dict append wapp .reply $txt
```

```
}
```

```
# Add text to the page under construction. Do no escaping on the text.
```

```
#
```

```
# Though "unsafe" in general, there are uses for this kind of thing.
```

```
# For example, if you want to return the complete, unmodified content of
```

```
# a file:
```

```
#
```

```
#     set fd [open content.html rb]
```

```
#     wapp-unsafe [read $fd]
```



```

# close $fd
#
# You could do the same thing using ordinary "wapp" instead of "wapp-unsafe".
# The difference is that wapp-safety-check will complain about the misuse
# of "wapp", but it assumes that the person who write "wapp-unsafe" understands
# the risks.
#
# Though occasionally necessary, the use of this interface should be minimized.
#
proc wapp-unsafe {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add text to the end of the reply under construction. The following
# substitutions are made:
#
# %html(...)      Escape text for inclusion in HTML
# %url(...)       Escape text for use as a URL
# %qp(...)        Escape text for use as a URI query parameter
# %string(...)    Escape text for use within a JSON string
# %unsafe(...)    No transformations of the text
#
# The substitutions above terminate at the first ")" character. If the
# text of the TCL string in ... contains ")" characters itself, use instead:
#
# %html%(...)%
# %url%(...)%
# %qp%(...)%
# %string%(...)%
# %unsafe%(...)%
#
# In other words, use "%(...)%" instead of "(...)" to include the TCL string
# to substitute.
#
# The %unsafe substitution should be avoided whenever possible, obviously.
# In addition to the substitutions above, the text also does backslash
# escapes.
#
proc wapp-subst {txt} {
    global wapp
    regsub -all {% (html|url|qp|string|unsafe){ 1,1}?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# Works like wapp-subst, but also removes whitespace from the beginning
# of lines.

```

```

#
proc wapp-trim {txt} {
    global wapp
    regsub -all {\n\s+} [string trim $txt] \n txt
    regsub -all {% (html|url|qp|string|unsafe){1,1}?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# There must be a wappInt-enc-NAME routine for each possible substitution
# in wapp-subst. Thus there are routines for "html", "url", "qp", and "unsafe".
#
# wappInt-enc-html      Escape text so that it is safe to use in the
#                        body of an HTML document.
#
# wappInt-enc-url       Escape text so that it is safe to pass as an
#                        argument to href= and src= attributes in HTML.
#
# wappInt-enc-qp        Escape text so that it is safe to use as the
#                        value of a query parameter in a URL or in
#                        post data or in a cookie.
#
# wappInt-enc-string    Escape ", ', \, and < for using inside of a
#                        javascript string literal. The < character
#                        is escaped to prevent "</script>" from causing
#                        problems in embedded javascript.
#
# wappInt-enc-unsafe    Perform no encoding at all. Unsafe.
#
proc wappInt-enc-html {txt} {
    return [string map {& &amp; < &lt; > &gt; \" &quot; \\ &#92;} $txt]
}
proc wappInt-enc-unsafe {txt} {
    return $txt
}
proc wappInt-enc-url {s} {
    if {[regsub -all {[^~?=#_./a-zA-Z0-9]} $s {[wappInt-%HHchar {&}] s}} {
        set s [subst -novar -noback $s]
    }
    if {[regsub -all [{}]} $s {[wappInt-%HHchar \\&]} s} {
        set s [subst -novar -noback $s]
    }
    return $s
}
proc wappInt-enc-qp {s} {
    if {[regsub -all {[^~?=#_./a-zA-Z0-9]} $s {[wappInt-%HHchar {&}] s}} {
        set s [subst -novar -noback $s]
    }
}

```

```

if {[regsub -all {{{}} } $s {[wappInt-%HHchar \\&]} s]} {
    set s [subst -novar -noback $s]
}
return $s
}
proc wappInt-enc-string {s} {
    return [string map {\ \ \ \ \ " \ \ \ \ " ' \ ' < \u003c} $s]
}

# This is a helper routine for wappInt-enc-url and wappInt-enc-qp. It returns
# an appropriate %HH encoding for the single character c. If c is a unicode
# character, then this routine might return multiple bytes: %HH%HH%HH
#
proc wappInt-%HHchar {c} {
    if {$c==" "} {return +}
    return [regsub -all .. [binary encode hex [encoding convertto utf-8 $c]] {%&}]
}

# Undo the www-url-encoded format.
#
# HT: This code stolen from ncgi.tcl
#
proc wappInt-decode-url {str} {
    set str [string map [list + { } "\\" "\\\\" \[ \\\[ \] \\\]] $str]
    regsub -all -- \
        {%( [Ee][A-Fa-f0-9] )%([89ABab][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
        $str {[encoding convertfrom utf-8 [binary decode hex \1\2\3]]} str
    regsub -all -- \
        {%( [CDcd][A-Fa-f0-9] )%([89ABab][A-Fa-f0-9])} \
        $str {[encoding convertfrom utf-8 [binary decode hex \1\2]]} str
    regsub -all -- {%( [0-7][A-Fa-f0-9] )} $str {\u00\1} str
    return [subst -novar $str]
}

# Reset the document back to an empty string.
#
proc wapp-reset {} {
    global wapp
    dict set wapp .reply {}
}

# Change the mime-type of the result document.
#
proc wapp-mimetype {x} {
    global wapp
    dict set wapp .mimetype $x
}

```

```

# Change the reply code.
#
proc wapp-reply-code {x} {
    global wapp
    dict set wapp .reply-code $x
}

# Set a cookie
#
proc wapp-set-cookie {name value} {
    global wapp
    dict lappend wapp .new-cookies $name $value
}

# Unset a cookie
#
proc wapp-clear-cookie {name} {
    wapp-set-cookie $name {}
}

# Add extra entries to the reply header
#
proc wapp-reply-extra {name value} {
    global wapp
    dict lappend wapp .reply-extra $name $value
}

# Specifies how the web-page under construction should be cached.
# The argument should be one of:
#
# no-cache
# max-age=N          (for some integer number of seconds, N)
# private,max-age=N
#
proc wapp-cache-control {x} {
    wapp-reply-extra Cache-Control $x
}

# Redirect to a different web page
#
proc wapp-redirect {uri} {
    wapp-reply-code {307 Redirect}
    wapp-reply-extra Location $uri
}

# Return the value of a wapp parameter
#

```

```

proc wapp-param {name {dflt {}}} {
    global wapp
    if {![dict exists $wapp $name]} {return $dflt}
    return [dict get $wapp $name]
}

# Return true if a and only if the wapp parameter $name exists
#
proc wapp-param-exists {name} {
    global wapp
    return [dict exists $wapp $name]
}

# Set the value of a wapp parameter
#
proc wapp-set-param {name value} {
    global wapp
    dict set wapp $name $value
}

# Return all parameter names that match the GLOB pattern, or all
# names if the GLOB pattern is omitted.
#
proc wapp-param-list {{glob {*}}} {
    global wapp
    return [dict keys $wapp $glob]
}

# By default, Wapp does not decode query parameters and POST parameters
# for cross-origin requests. This is a security restriction, designed to
# help prevent cross-site request forgery (CSRF) attacks.
#
# As a consequence of this restriction, URLs for sites generated by Wapp
# that contain query parameters will not work as URLs found in other
# websites. You cannot create a link from a second website into a Wapp
# website if the link contains query planner, by default.
#
# Of course, it is sometimes desirable to allow query parameters on external
# links. For URLs for which this is safe, the application should invoke
# wapp-allow-xorigin-params. This procedure tells Wapp that it is safe to
# go ahead and decode the query parameters even for cross-site requests.
#
# In other words, for Wapp security is the default setting. Individual pages
# need to actively disable the cross-site request security if those pages
# are safe for cross-site access.
#
proc wapp-allow-xorigin-params {} {
    global wapp

```

```

if {[dict exists $wapp .qp] && ![dict get $wapp SAME_ORIGIN]} {
    wappInt-decode-query-params
}
}

# Set the content-security-policy.
#
# The default content-security-policy is very strict: "default-src 'self'"
# The default policy prohibits the use of in-line javascript or CSS.
#
# Provide an alternative CSP as the argument. Or use "off" to disable
# the CSP completely.
#
proc wapp-content-security-policy {val} {
    global wapp
    if {$val=="off"} {
        dict unset wapp .csp
    } else {
        dict set wapp .csp $val
    }
}

# Examine the bodies of all procedures in this program looking for
# unsafe calls to various Wapp interfaces. Return a text string
# containing warnings. Return an empty string if all is ok.
#
# This routine is advisory only. It misses some constructs that are
# dangerous and flags others that are safe.
#
proc wapp-safety-check {} {
    set res {}
    foreach p [info procs] {
        set ln 0
        foreach x [split [info body $p] \n] {
            incr ln
            if {[regexp {^[ \t]*wapp[ \t]+([\n]+)} $x all tail]
                && [string index $tail 0]!="\173"
                && [regexp {[{]} $tail]}
            ] {
                append res "$p:$ln: unsafe \"wapp\" call: \"[string trim $x]\"\n"
            }
            if {[regexp {^[ \t]*wapp-(subst|trim)[ \t]+([\n]+)} $x all cx]} {
                append res "$p:$ln: unsafe \"wapp-$cx\" call: \"[string trim $x]\"\n"
            }
        }
    }
    return $res
}

```

```

# Return a string that describes the current environment. Applications
# might find this useful for debugging.
#
proc wapp-debug-env {} {
    global wapp
    set out {}
    foreach var [lsort [dict keys $wapp]] {
        if {[string index $var 0]=="."} continue
        append out "$var = [list [dict get $wapp $var]]\n"
    }
    append out "\[pwd\] = [list [pwd]]\n"
    return $out
}

# Tracing function for each HTTP request. This is overridden by wapp-start
# if tracing is enabled.
#
proc wappInt-trace {} {}

# Start up a listening socket. Arrange to invoke wappInt-new-connection
# for each inbound HTTP connection.
#
# port      Listen on this TCP port. 0 means to select a port
#           that is not currently in use
#
# wappmode  One of "scgi", "server", or "local".
#
proc wappInt-start-listener {port wappmode} {
    if {$wappmode=="scgi"} {
        set type SCGI
        set server [list wappInt-new-connection wappInt-scgi-readable $wappmode]
    } else {
        set type HTTP
        set server [list wappInt-new-connection wappInt-http-readable $wappmode]
    }
    if {$wappmode=="local"} {
        set x [socket -server $server -myaddr 127.0.0.1 $port]
    } else {
        set x [socket -server $server $port]
    }
    set coninfo [chan configure $x -sockname]
    set port [lindex $coninfo 2]
    if {$wappmode=="local"} {
        wappInt-start-browser http://127.0.0.1:$port/
    } else {
        puts "Listening for $type requests on TCP port $port"
    }
}

```

```

}

# Start a web-browser and point it at $URL
#
proc wappInt-start-browser {url} {
    global tcl_platform
    if {$tcl_platform(platform)=="windows"} {
        exec cmd /c start $url &
    } elseif {$tcl_platform(os)=="Darwin"} {
        exec open $url &
    } elseif {[catch {exec xdg-open $url}]} {
        exec firefox $url &
    }
}

# This routine is a "socket -server" callback. The $chan, $ip, and $port
# arguments are added by the socket command.
#
# Arrange to invoke $callback when content is available on the new socket.
# The $callback will process inbound HTTP or SCGI content.
#
proc wappInt-new-connection {callback wappmode chan ip port} {
    upvar #0 wappInt-$chan W
    set W [dict create REMOTE_ADDR $ip REMOTE_PORT $port WAPP_MODE $wappmode \
        .header {}]
    fconfigure $chan -blocking 0 -translation binary
    fileevent $chan readable [list $callback $chan]
}

# Close an input channel
#
proc wappInt-close-channel {chan} {
    if {$chan=="stdout"} {
        # This happens after completing a CGI request
        exit 0
    } else {
        unset ::wappInt-$chan
        close $chan
    }
}

# Process new text received on an inbound HTTP request
#
proc wappInt-http-readable {chan} {
    if {[catch [list wappInt-http-readable-unsafe $chan] msg]} {
        puts stderr "$msg\n$::errorInfo"
        wappInt-close-channel $chan
    }
}

```



```

}
proc wappInt-http-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if {![dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header
    set line [string trimright [gets $chan]]
    set n [string length $line]
    if {$n>0} {
      if {[dict get $W .header]=="" || [regexp {^\s+} $line]} {
        dict append W .header $line
      } else {
        dict append W .header \n$line
      }
    }
    if {[string length [dict get $W .header]]>100000} {
      error "HTTP request header too big - possible DOS attack"
    }
  } elseif {$n==0} {
    # We have reached the blank line that terminates the header.
    global argv0
    set a0 [file normalize $argv0]
    dict set W SCRIPT_FILENAME $a0
    dict set W DOCUMENT_ROOT [file dir $a0]
    if {[wappInt-parse-header $chan]} {
      catch {close $chan}
      return
    }
    set len 0
    if {[dict exists $W CONTENT_LENGTH]} {
      set len [dict get $W CONTENT_LENGTH]
    }
    if {$len>0} {
      # Still need to read the query content
      dict set W .toread $len
    } else {
      # There is no query content, so handle the request immediately
      set wapp $W
      wappInt-handle-request $chan 0
    }
  }
} else {
  # If .toread is set, that means we are reading the query content.
  # Continue reading until .toread reaches zero.
  set got [read $chan [dict get $W .toread]]
  dict append W CONTENT $got
  dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
  if {[dict get $W .toread]<=0} {
    # Handle the request as soon as all the query content is received

```

```

set wapp $W
wappInt-handle-request $chan 0
}
}
}

# Decode the HTTP request header.
#
# This routine is always running inside of a [catch], so if
# any problems arise, simply raise an error.
#
proc wappInt-parse-header {chan} {
  upvar #0 wappInt-$chan W
  set hdr [split [dict get $W .header] \n]
  if {$hdr==""} {return 1}
  set req [lindex $hdr 0]
  dict set W REQUEST_METHOD [set method [lindex $req 0]]
  if {[lsearch {GET HEAD POST} $method]<0} {
    error "unsupported request method: \"[dict get $W REQUEST_METHOD]\""
  }
  set uri [lindex $req 1]
  set split_uri [split $uri ?]
  set uri0 [lindex $split_uri 0]
  if {![regexp {^[-.a-z0-9_/]*$} $uri0]} {
    error "invalid request uri: \"$uri0\""
  }
  dict set W REQUEST_URI $uri0
  dict set W PATH_INFO $uri0
  set uri1 [lindex $split_uri 1]
  dict set W QUERY_STRING $uri1
  set n [llength $hdr]
  for {set i 1} {$i<$n} {incr i} {
    set x [lindex $hdr $i]
    if {![regexp {^(.+):+(.*)$} $x all name value]} {
      error "invalid header line: \"$x\""
    }
  }
  set name [string toupper $name]
  switch -- $name {
    REFERER {set name HTTP_REFERER}
    USER-AGENT {set name HTTP_USER_AGENT}
    CONTENT-LENGTH {set name CONTENT_LENGTH}
    CONTENT-TYPE {set name CONTENT_TYPE}
    HOST {set name HTTP_HOST}
    COOKIE {set name HTTP_COOKIE}
    ACCEPT-ENCODING {set name HTTP_ACCEPT_ENCODING}
    default {set name .hdr:$name}
  }
  dict set W $name $value
}

```

```

}
return 0
}

# Decode the QUERY_STRING parameters from a GET request or the
# application/x-www-form-urlencoded CONTENT from a POST request.
#
# This routine sets the ".qp" element of the ::wapp dict as a signal
# that query parameters have already been decoded.
#
proc wappInt-decode-query-params {} {
    global wapp
    dict set wapp .qp 1
    if {[dict exists $wapp QUERY_STRING]} {
        foreach qterm [split [dict get $wapp QUERY_STRING] &] {
            set qsplit [split $qterm =]
            set nm [lindex $qsplit 0]
            if {[regexp {[a-z][a-z0-9]*} $nm]} {
                dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
            }
        }
    }
}

if {[dict exists $wapp CONTENT_TYPE] && [dict exists $wapp CONTENT]} {
    set ctype [dict get $wapp CONTENT_TYPE]
    if {$ctype=="application/x-www-form-urlencoded"} {
        foreach qterm [split [string trim [dict get $wapp CONTENT]] &] {
            set qsplit [split $qterm =]
            set nm [lindex $qsplit 0]
            if {[regexp {[a-z][-a-z0-9_]*} $nm]} {
                dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
            }
        }
    }
} elseif {[string match multipart/form-data* $ctype]} {
    regexp {^(.*?)\r\n(.*?)$} [dict get $wapp CONTENT] all divider body
    set ndiv [string length $divider]
    while {[string length $body]} {
        set idx [string first $divider $body]
        set unit [string range $body 0 [expr {$idx-3}]]
        set body [string range $body [expr {$idx+$ndiv+2}] end]
        if {[regexp {^Content-Disposition: form-data; (.*?)\r\n\r\n(.*?)$} \
            $unit unit hdr content] &&
            [regexp {name="(.*?)"; filename="(.)"\r\nContent-Type: (.*?)$} \
                $hdr hr name filename mimetype]} {
            dict set wapp $name.filename \
                [string map [list \\/ \\\\ \\\] $filename]
            dict set wapp $name.mimetype $mimetype
            dict set wapp $name.content $content
        }
    }
}

```

```

    }
  }
}
}

# Invoke application-supplied methods to generate a reply to
# a single HTTP request.
#
# This routine always runs within [catch], so handle exceptions by
# invoking [error].
#
proc wappInt-handle-request {chan useCgi} {
  global wapp
  dict set wapp .reply {}
  dict set wapp .mimetype {text/html; charset=utf-8}
  dict set wapp .reply-code {200 Ok}
  dict set wapp .csp {default-src 'self'}

  # Set up additional CGI environment values
  #
  if {[dict exists $wapp HTTP_HOST]} {
    dict set wapp BASE_URL {}
  } elseif {[dict exists $wapp HTTPS]} {
    dict set wapp BASE_URL https://[dict get $wapp HTTP_HOST]
  } else {
    dict set wapp BASE_URL http://[dict get $wapp HTTP_HOST]
  }
  if {[dict exists $wapp REQUEST_URI]} {
    dict set wapp REQUEST_URI /
  } elseif {[regsub {\?.*} [dict get $wapp REQUEST_URI] {} newR]} {
    # Some servers (ex: nginx) append the query parameters to REQUEST_URI.
    # These need to be stripped off
    dict set wapp REQUEST_URI $newR
  }
  if {[dict exists $wapp SCRIPT_NAME]} {
    dict append wapp BASE_URL [dict get $wapp SCRIPT_NAME]
  } else {
    dict set wapp SCRIPT_NAME {}
  }
  if {[dict exists $wapp PATH_INFO]} {
    # If PATH_INFO is missing (ex: nginx) the construct it
    set URI [dict get $wapp REQUEST_URI]
    set skip [string length [dict get $wapp SCRIPT_NAME]]
    dict set wapp PATH_INFO [string range $URI $skip end]
  }
  if {[regexp {^(/[^\+](.*)$} [dict get $wapp PATH_INFO] all head tail]} {
    dict set wapp PATH_HEAD $head
    dict set wapp PATH_TAIL [string trimleft $tail /]
  }
}

```

```

} else {
    dict set wapp PATH_INFO {}
    dict set wapp PATH_HEAD {}
    dict set wapp PATH_TAIL {}
}
dict set wapp SELF_URL [dict get $wapp BASE_URL]/[dict get $wapp PATH_HEAD]

# Parse query parameters from the query string, the cookies, and
# POST data
#
if {[dict exists $wapp HTTP_COOKIE]} {
    foreach qterm [split [dict get $wapp HTTP_COOKIE] {;}] {
        set qsplitted [string trim $qterm]
        set nm [lindex $qsplitted 0]
        if {[regexp {^[a-z][-a-z0-9_]*$} $nm]} {
            dict set wapp $nm [wappInt-decode-url [lindex $qsplitted 1]]
        }
    }
}
set same_origin 0
if {[dict exists $wapp HTTP_REFERER]} {
    set referer [dict get $wapp HTTP_REFERER]
    set base [dict get $wapp BASE_URL]
    if {$referer==$base || [string match $base/* $referer]} {
        set same_origin 1
    }
}
dict set wapp SAME_ORIGIN $same_origin
if {$same_origin} {
    wappInt-decode-query-params
}

# Invoke the application-defined handler procedure for this page
# request. If an error occurs while running that procedure, generate
# an HTTP reply that contains the error message.
#
wapp-before-dispatch-hook
wappInt-trace
set mname [dict get $wapp PATH_HEAD]
if {[catch {
    if {$mname!=""} && [lindex [info proc wapp-page-$mname]>0]} {
        wapp-page-$mname
    } else {
        wapp-default
    }
} msg]} {
    if {[wapp-param WAPP_MODE]=="local" || [wapp-param WAPP_MODE]=="server"} {
        puts "ERROR: $::errorInfo"
    }
}

```

```

}
wapp-reset
wapp-reply-code "500 Internal Server Error"
wapp-mimetype text/html
wapp-trim {
  <h1>Wapp Application Error</h1>
  <pre>%html($::errorInfo)</pre>
}
dict unset wapp .new-cookies
}

# Transmit the HTTP reply
#
if {$chan=="stdout"} {
  puts $chan "Status: [dict get $wapp .reply-code]\r"
} else {
  puts $chan "HTTP/1.1 [dict get $wapp .reply-code]\r"
  puts $chan "Server: wapp\r"
  puts $chan "Connection: close\r"
}
if {[dict exists $wapp .reply-extra]} {
  foreach {name value} [dict get $wapp .reply-extra] {
    puts $chan "$name: $value\r"
  }
}
if {[dict exists $wapp .csp]} {
  puts $chan "Content-Security-Policy: [dict get $wapp .csp]\r"
}
set mimetype [dict get $wapp .mimetype]
puts $chan "Content-Type: $mimetype\r"
if {[dict exists $wapp .new-cookies]} {
  foreach {nm val} [dict get $wapp .new-cookies] {
    if {[regexp {[a-z][-a-z0-9_]*$} $nm]} {
      if {$val==""} {
        puts $chan "Set-Cookie: $nm=; HttpOnly; Path=/; Max-Age=1\r"
      } else {
        set val [wappInt-enc-url $val]
        puts $chan "Set-Cookie: $nm=$val; HttpOnly; Path=\r"
      }
    }
  }
}
if {[string match text/* $mimetype]} {
  set reply [encoding convertto utf-8 [dict get $wapp .reply]]
  if {[regexp {\ygzip\y} [wapp-param HTTP_ACCEPT_ENCODING]]} {
    catch {
      set x [zlib gzip $reply]
      set reply $x
    }
  }
}

```

```

    puts $chan "Content-Encoding: gzip\r"
  }
} else {
  set reply [dict get $wapp .reply]
}
puts $chan "Content-Length: [string length $reply]\r"
puts $chan \r
puts $chan $reply
flush $chan
wappInt-close-channel $chan
}

# This routine runs just prior to request-handler dispatch. The
# default implementation is a no-op, but applications can override
# to do additional transformations or checks.
#
proc wapp-before-dispatch-hook {} {return}

# Process a single CGI request
#
proc wappInt-handle-cgi-request {} {
  global wapp env
  foreach key {
    CONTENT_LENGTH
    CONTENT_TYPE
    DOCUMENT_ROOT
    HTTP_ACCEPT_ENCODING
    HTTP_COOKIE
    HTTP_HOST
    HTTP_REFERER
    HTTP_USER_AGENT
    HTTPS
    PATH_INFO
    QUERY_STRING
    REMOTE_ADDR
    REQUEST_METHOD
    REQUEST_URI
    REMOTE_USER
    SCRIPT_FILENAME
    SCRIPT_NAME
    SERVER_NAME
    SERVER_PORT
    SERVER_PROTOCOL
  } {
    if {[info exists env($key)]} {
      dict set wapp $key $env($key)
    }
  }
}

```

```

}
set len 0
if {[dict exists $wapp CONTENT_LENGTH]} {
    set len [dict get $wapp CONTENT_LENGTH]
}
if {$len>0} {
    fconfigure stdin -translation binary
    dict set wapp CONTENT [read stdin $len]
}
dict set wapp WAPP_MODE cgi
fconfigure stdout -translation binary
wappInt-handle-request stdout 1
}

# Process new text received on an inbound SCGI request
#
proc wappInt-scgi-readable {chan} {
    if {[catch [list wappInt-scgi-readable-unsafe $chan] msg]} {
        puts stderr "$msg\n$::errorInfo"
        wappInt-close-channel $chan
    }
}
proc wappInt-scgi-readable-unsafe {chan} {
    upvar #0 wappInt-$chan W wapp wapp
    if {[dict exists $W .toread]} {
        # If the .toread key is not set, that means we are still reading
        # the header.
        #
        # An SGI header is short. This implementation assumes the entire
        # header is available all at once.
        #
        set req [read $chan 15]
        set n [string length $req]
        scan $req %d:%s len hdr
        incr len [string length "$len:,"]
        append hdr [read $chan [expr {$len-15}]]
        foreach {nm val} [split $hdr \000] {
            if {$nm==","} break
            dict set W $nm $val
        }
        set len 0
        if {[dict exists $W CONTENT_LENGTH]} {
            set len [dict get $W CONTENT_LENGTH]
        }
        if {$len>0} {
            # Still need to read the query content
            dict set W .toread $len
        } else {

```



```

# There is no query content, so handle the request immediately
set wapp $W
wappInt-handle-request $chan 0
}
} else {
# If .toread is set, that means we are reading the query content.
# Continue reading until .toread reaches zero.
set got [read $chan [dict get $W .toread]]
dict append W CONTENT $got
dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
if {[dict get $W .toread]<=0} {
# Handle the request as soon as all the query content is received
set wapp $W
wappInt-handle-request $chan 0
}
}
}

# Start up the wapp framework. Parameters are a list passed as the
# single argument.
#
# -server $PORT      Listen for HTTP requests on this TCP port $PORT
#
# -local $PORT      Listen for HTTP requests on 127.0.0.1:$PORT
#
# -scgi $PORT       Listen for SCGI requests on TCP port $PORT
#
# -cgi              Handle a single CGI request
#
# With no arguments, the behavior is called "auto". In "auto" mode,
# if the GATEWAY_INTERFACE environment variable indicates CGI, then run
# as CGI. Otherwise, start an HTTP server bound to the loopback address
# only, on an arbitrary TCP port, and automatically launch a web browser
# on that TCP port.
#
# Additional options:
#
# -trace            "puts" each request URL as it is handled, for
#                  debugging
#
# -lint            Run wapp-safety-check on the application instead
#                  of running the application itself
#
# -Dvar=value      Set TCL global variable "var" to "value"
#
#
proc wapp-start {arglist} {
global env

```

```

set mode auto
set port 0
set n [llength $arglist]
for {set i 0} {$i<$n} {incr i} {
  set term [lindex $arglist $i]
  if {[string match --* $term]} {set term [string range $term 1 end]}
  switch -glob -- $term {
    -server {
      incr i;
      set mode "server"
      set port [lindex $arglist $i]
    }
    -local {
      incr i;
      set mode "local"
      set port [lindex $arglist $i]
    }
    -scgi {
      incr i;
      set mode "scgi"
      set port [lindex $arglist $i]
    }
    -cgi {
      set mode "cgi"
    }
    -trace {
      proc wappInt-trace {} {
        set q [wapp-param QUERY_STRING]
        set uri [wapp-param BASE_URL][wapp-param PATH_INFO]
        if {$q!=""} {append uri ?$q}
        puts $uri
      }
    }
    -lint {
      set res [wapp-safety-check]
      if {$res!=""} {
        puts "Potential problems in this code:"
        puts $res
        exit 1
      } else {
        exit
      }
    }
    -D*=* {
      if {[regexp {^\.D([^\=]+)=(.*)$} $term all var val]} {
        set ::$var $val
      }
    }
  }
}

```

```

default {
    error "unknown option: $term"
}
}
}
if {($mode=="auto"
    && [info exists env(GATEWAY_INTERFACE)]
    && [string match CGI/1.* $env(GATEWAY_INTERFACE)])
    || $mode=="cgi"
} {
    wappInt-handle-cgi-request
    return
}
if {$mode=="scgi"} {
    wappInt-start-listener $port scgi
} elseif {$mode=="server"} {
    wappInt-start-listener $port server
} else {
    wappInt-start-listener $port local
}
vwait ::forever
}

# Call this version 1.0
package provide wapp 1.0

#### End of wapp.tcl

# Generate all header content for the output document
#
proc search_header {} {
    wapp-trim {
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">
<html><head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<link href="..sqlite.css" rel="stylesheet">
<title>Search SQLite Stats</title>
<!-- path=../ -->
</head>
<body>
<div class=nosearch>
<a href="..index.html">

</a>
<div><!-- IE hack to prevent disappearing logo --></div>
<div class="tagline desktoponly">
Small. Fast. Reliable.<br>Choose any three.

```

```

</div>
<div class="menu mainmenu">
<ul>
<li><a href="../index.html">Home</a>
<li class='mobileonly'><a href="javascript:void(0)" onclick='toggle_div("submenu")'>Menu</a>
<li class='wideonly'><a href='../about.html'>About</a>
<li class='desktoponly'><a href="../docs.html">Documentation</a>
<li class='desktoponly'><a href="../download.html">Download</a>
<li class='wideonly'><a href='../copyright.html'>License</a>
<li class='desktoponly'><a href="../support.html">Support</a>
<li class='desktoponly'><a href="../prosupport.html">Purchase</a>
<li class='search' id='search_menubutton'>
<a href="javascript:void(0)" onclick='toggle_search()'>Search</a>
</ul>
</div>
<div class="menu submenu" id="submenu">
<ul>
<li><a href='../about.html'>About</a>
<li><a href='../docs.html'>Documentation</a>
<li><a href='../download.html'>Download</a>
<li><a href='../support.html'>Support</a>
<li><a href='../prosupport.html'>Purchase</a>
</ul>
</div>
<div class="searchmenu" id="searchmenu">
<form method="GET" action="../search">
<select name="s" id="searchtype">
<option value="d">Search Documentation</option>
<option value="c">Search Changelog</option>
</select>
<input type="text" name="q" id="searchbox" value="">
<input type="submit" value="Go">
</form>
</div>
</div>
<script>
function toggle_div(nm) {
var w = document.getElementById(nm);
if( w.style.display=="block" ){
w.style.display = "none";
}else{
w.style.display = "block";
}
}
function toggle_search() {
var w = document.getElementById("searchmenu");
if( w.style.display=="block" ){
w.style.display = "none";
}
}

```

```

} else {
w.style.display = "block";
setTimeout(function(){
document.getElementById("searchbox").focus()
}, 30);
}
}
function div_off(nm){ document.getElementById(nm).style.display="none";}
window.onbeforeunload = function(e){div_off("submenu");}
/* Disable the Search feature if we are not operating from CGI, since */
/* Search is accomplished using CGI and will not work without it. */
if( !location.origin.match || !location.origin.match(/http/) ){
document.getElementById("search_menubutton").style.display = "none";
}
/* Used by the Hide/Show button beside syntax diagrams, to toggle the */
function hideorshow(btn,obj){
var x = document.getElementById(obj);
var b = document.getElementById(btn);
if( x.style.display!='none' ){
x.style.display = 'none';
b.innerHTML='show';
}else{
x.style.display = "";
b.innerHTML='hide';
}
return false;
}
</script>
</div>
}
}

```

```

proc wapp-default { } {
# When running using the built-in webserver in Wapp (in other words,
# when not running as CGI) any filename that contains a "." loads
# directly from the filesystem.
if {[wapp-param WAPP_MODE]!="cgi"}
&& [string match *.* [wapp-param PATH_INFO]]
} {
set altfile [file dir [wapp-param SCRIPT_FILENAME]]/./[wapp-param PATH_INFO]
set fd [open $altfile rb]
fconfigure $fd -translation binary
wapp-unsafe [read $fd]
close $fd
switch -glob -- $altfile {
*.html {
wapp-mimetype text/html
}
}
}

```

```

*.css {
    wapp-mimetype text/css
}
*.gif {
    wapp-mimetype image/gif
}
}
return
}
wapp-page-admin
}
proc wapp-page-admin {} {
    wapp-allow-xorigin-params
    wapp-content-security-policy off
    if {[wapp-param-exists env]} {
        search_header
        wapp-trim {
            <h1>Environment</h1>
            <pre>%html([wapp-debug-env])</pre>
        }
        return
    }
    sqlite3 db2 [file dir [wapp-param SCRIPT_FILENAME]]/searchlog.db
    set where ""
    set res ""

    set ipfilter ""
    set ipaddr [wapp-param ip]
    if {$ipaddr!=""} {
        set where {WHERE ip = $ipaddr}
        set ipfilter $ipaddr
    }

    set checked ""
    set isUnique [expr {[wapp-param unique 0]+0}]
    if {$isUnique} {
        set checked "checked"
    }

    set limit [wapp-param limit 10]
    set s10 ""
    set s100 ""
    set s1000 ""
    if {$limit==10} {set s10 selected}
    if {$limit==100} {set s100 selected}
    if {$limit==1000} {set s1000 selected}

    search_header

```

```

set self [wapp-param PATH_HEAD]
wapp-trim {
  <div style="margin:2em">
  <center>
  <form action='%url($self)' method='GET'>
    Results: <select name=limit onChange="this.form.submit()">
      <option %html($s10) value="10">10</option>
      <option %html($s100) value="100">100</option>
      <option %html($s1000) value="1000">1000</option>
    </select>
    IP: <input type=input name=ip value="%html($ipfilter)">
    Unique: <input
      type=checkbox name=unique value=1
      $checked
      onChange="this.form.submit()">
    <input type=submit>
  </form>
  </center>
  </div>
  <table border=1 cellpadding=10 align=center>
  <tr><td><th>IP <th>Query <th> Results <th> Timestamp
}

set i 0
db2 eval "
SELECT rowid, ip, query, nres, timestamp FROM log $where
ORDER BY rowid DESC
" {

if {$sisUnique} {
  if {[info exists seen($query)]} continue
  set seen($query) 1
}

wapp-trim {
  <tr><td>%html($rowid)
    <td><a href='%url($self)?ip=%qp($ip)'>%html($ip)</a>
    <td><a href='../search?q=%qp($query)&donotlog=1'>%html($query)</a>
    <td>%html($nres)<td>%html($timestamp)
  }
  incr i
  if {$i >= $limit} break
}
wapp-subst {</table\n}
db2 close
}
wapp-start $argv

```

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/search.d/admin

1.279 openorb 8u181-b13-2~deb9u1

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- The files in `openjdk/j2se/src/share/classes/javax/xml/stream/` seem to comprise the BEA-StAX source code

<http://ftpna2.bea.com/pub/downloads/jsr173.jar>

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`openjdk/j2se/make/java/nio/genExceptions.sh`

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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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(at your option) any later version.
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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
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```

```
<signature of Ty Coon>, 1 April 1989
```

Ty Coon, President of Vice

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2006-Jan-27

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#

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#

.gitignore

#

builds/unix/pkg.m4

#

docs/FTL.TXT

docs/GPLv2.TXT

#

include/freetype/internal/fthash.h

#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

#

```
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftandom/ftandom.c
#
# EOF
```

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1.287 popt 1.16-12

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1.288 jffi 1.2.23

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1.289 op-rabbit-core 2.1.0

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*/
// we use a special exception to bubble up errors rather than relying on long "right.flatMap" cascades in order to
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1070897490_1594782023.55/0/op-rabbit-core-2-12-2-1-0-sources-
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```

```
* /opt/ws_local/PERMITS_SQL/1070897490_1594782023.55/0/op-rabbit-core-2-12-2-1-0-sources-
jar/com/spingo/op_rabbit/ApplyConverterInstances.scala
```

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* /opt/ws_local/PERMITS_SQL/1070897490_1594782023.55/0/op-rabbit-core-2-12-2-1-0-sources-
jar/com/spingo/op_rabbit/HListDeserializerInstances.scala
```

```
* /opt/ws_local/PERMITS_SQL/1070897490_1594782023.55/0/op-rabbit-core-2-12-2-1-0-sources-
jar/com/spingo/op_rabbit/HListToValueOrTupleInstances.scala
```

```
* /opt/ws_local/PERMITS_SQL/1070897490_1594782023.55/0/op-rabbit-core-2-12-2-1-0-sources-
jar/com/spingo/op_rabbit/HListable.scala
```

1.290 libgpg-error 1.35 1

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1.291 debian-archive-keyring 2019.1

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1.292 akka-rabbitmq 5.0.0

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Files: install-sh
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Calling this script install-sh is preferred over install.sh, to prevent `make` implicit rules from creating a file called install from it when there is no Makefile.

This script is compatible with the BSD install script, but was written from scratch. It can only install one file at a time, a restriction shared with many OS's install programs.

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-- vile: txtmode file-encoding=utf-8

1.295 pako 1.0.11

1.295.1 Available under license :

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1.296 scalacache core 0.28.0

1.296.1 Available under license :

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