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Before building Xerces, you need the source package and tools package available from the Apache XML Project's distribution web page:

<http://xml.apache.org/dist/xerces-j/>

Download both the Xerces-J-src.X.Y.Z.zip and Xerces-J-tools.X.Y.Z.zip files for the appropriate Xerces release (where "X.Y.Z" is the version number) and extract them in the same directory. If you are using Unix, download the equivalent .tar.gz files instead of the .zip files.

You also need to have a Java Development Kit (JDK) version 1.2 (or higher) installed on your system. Before initiating any part of the build, set the JAVA\_HOME environment variable to the installation directory of your JDK.

The Ant program is used to build everything in Xerces, including the documentation. This tool, and the others needed (besides the pre-requisite JDK) are contained within the tools package. To make building the packages easier, a Windows batch file and a Unix shell script are included.

If you only want to compile the source code and make the JAR files, run the following command on Windows:

```
build.bat jars
```

or from Unix (make sure that build.sh is executable):

```
build.sh jars
```

This will compile all of the source code and generate the JAR files that are available as part of the binary package. After building, these files will be located in the build/ directory.

If you want to build everything, including the documentation, run the build batch file (or shell script) specifying the "all" target instead of "jars".

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## 1.8 bcpkix-jdk15on 1.51

## 1.9 Bouncy Castle PKIX, CMS, EAC, TSP, PKCS, OCSP, CMP, and CRMF APIs 1.51

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## 1.10 Bouncy Castle Provider 1.62

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```

```
*/
```

```
package org.apache.cxf.rs.security.oauth2.common;
```

```
import java.io.Serializable;
```

```
/**
```

```
 * Base permission description
```

```
 * @see OAuthAuthorizationData
```

```
*/
```

```
public class Permission implements Serializable {
```

```
    private static final long serialVersionUID = 8988574955042726083L;
```

```
    private String permission;
```

```
    private String description;
```

```
    private boolean isDefault;
```

```
    public Permission() {
```

```
    }
```

```
    public Permission(String permission, String description) {
```

```
        this.description = description;
```

```
        this.permission = permission;
```

```
    }
```

```
/**
```

```
 * Gets the permission description
```

```
 * @return the description
```

```
*/
```

```
    public String getDescription() {
```

```
        return description;
```

```
    }
```

```
/**
```

```
 * Sets the permission description
```

```
 * @param description
```

```
*/
```

```
    public void setDescription(String description) {
```

```
        this.description = description;
```

```
    }
```

```
/**
```

```
 * Get the permission value such as "read_calendar"
```

```
 * @return the value
```

```

*/
public String getPermission() {
    return permission;
}

/**
 * Sets the permission value such as "read_calendar"
 * @param permission the permission value
 */
public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates if this permission has been allocated by default or not.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only.
 * For example, the read-only check-box controls can be used to represent
 * the default scopes
 * @param isDefault true if the permission has been allocated by default
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}
}
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 */
package org.apache.cxf.rs.security.oauth.data;

```

```

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {

    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
    public void setDefault(boolean value) {
        this.isDefault = value;
    }

    public boolean isDefault() {
        return isDefault;
    }

```

```
}  
}
```

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```
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```

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Sun JAXB Reference Implementation Runtime (<http://jaxb.java.net/jaxb-impl>) com.sun.xml.bind:jaxb-impl:jar:2.2.6:compile  
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Sun JAXB Reference Implementation Tools (<http://jaxb.java.net/jaxb-xjc>) com.sun.xml.bind:jaxb-xjc:jar:2.2.6:compile  
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Apache Commons Codec (<http://commons.apache.org/proper/commons-codec/>) commons-codec:commons-codec:jar:1.10  
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ISO Relax (<http://iso-relax.sourceforge.net/>) isorelax:isorelax:jar:20030108:compile  
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javax.ws.rs-api (<http://jax-rs-spec.java.net>) javax.ws.rs:javax.ws.rs-api:jar:2.0-m10  
License: CDDL 1.1 ([http://glassfish.java.net/public/CDDL+GPL\\_1\\_1.html](http://glassfish.java.net/public/CDDL+GPL_1_1.html))

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Java Architecture for XML Binding (JAXB API) (<http://jaxb.java.net/jaxb-api>) javax.xml.bind:jaxb-api:jar:2.2.6:compile  
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Joda time (<http://joda-time.sourceforge.net>) joda-time:joda-time:jar:2.2  
License: Apache 2 (<http://www.apache.org/licenses/LICENSE-2.0.txt>)

MSV Core (<http://msv.java.net/msv-core>) net.java.dev.msv:msv-core:bundle:2011.1  
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HttpAsyncClient (<http://hc.apache.org/httpcomponents-asyncclient>)

org.apache.httpcomponents:httppasynclient:jar:4.0-beta3  
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HttpClient (<http://hc.apache.org/httpcomponents-client>) org.apache.httpcomponents:httpClient:jar:4.2.5  
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```

```
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta name="generator" content="HTML Tidy, see www.w3.org" />
```

```
<meta http-equiv="Content-Type"
```

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content="text/html; charset=iso-8859-1" />
```

```
<link rel="stylesheet" type="text/css"
```

```
href="/StyleSheets/base.css" />
```

```
<title>W3C IPR SOFTWARE NOTICE</title>
```

```
</head>
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<body text="#000000" bgcolor="#FFFFFF">
```

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    }
</style>

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*/

```

```
package org.apache.cxf.io;
```

```
import java.io.IOException;
import java.io.InputStream;
```

```
/**
```

```

* Marker interface for OutputStreams that can directly support
* copying from an input stream. OutputStreams that maintain their
* own byte buffer or similar may be able to optimize the copy
* instead of using the read/write into a temporary buffer that
* the normal IOUtils.copy method requires.
*/

```

```
public interface CopyingOutputStream {
```

```
    int copyFrom(InputStream in) throws IOException;
```

```
}
```

```
##
```

```

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```
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## $Date: 2008-03-09 23:17:06 -0700 (Sun, 09 Mar 2008) $ $Rev: 635446 $
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```

```
#foreach ( $project in $projects )
#foreach ( $license in $project.licenses)
#if ( ! ($apacheTxt == $license.name) )
```

```
$project.name #if ($project.url)($project.url)#end $project.artifact
  License: $license.name #if ($license.url) ($license.url)#end
```

```
#end
```

```
#end
```

```
#end
```

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- (<http://www.w3.org/2005/08/addressing/ws-addr.xsd>)
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```

package spec

```
// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
```

```
type License struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}
```

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```

package spec

```
// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}
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```

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Go support for Protocol Buffers - Google's data interchange format

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<https://github.com/golang/protobuf>

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Protocol Buffers for Go with Gadgets

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<http://github.com/gogo/protobuf>

Go support for Protocol Buffers - Google's data interchange format

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Bits of Go-lang's `once.Do()` were cribbed and reused here, too.

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Gocheck - A rich testing framework for Go

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## 1.35 docker-py 3.4.1

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## 1.36 dom4j 2.1.1

## 1.37 Drools - Core 5.6.0.Final

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# 1.44 hibernate-commons-annotations

## 4.0.2.Final

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## 1.46 hibernate-entitymanager 4.2.15.Final

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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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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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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.

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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.

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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.

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```

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

That's all there is to it!

```
/*
```

```
* Hibernate, Relational Persistence for Idiomatic Java  
*
```

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## 1.47 hibernate-infinispan 4.2.15.Final

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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.)

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

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

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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.

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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

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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.

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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.

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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.

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## 1.49 hornetq 2.3.12.Final

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## 1.56 Infinispan 5.2.7.Final

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## 1.58 influxdb-java 2.11

## 1.59 jackson-jaxrs 1.8.1

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## 1.63 jaxb-api 2.1

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## 1.65 jaxb-xjc 2.1.13

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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

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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.)

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.

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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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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.

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## 1.83 jboss-ejb3-ext-api-impl 1.0.0

### :3.4.1.jdk6.ep5.el5

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## 1.86 JCraft JSch 0.1.50

### 1.86.1 Available under license :

```
/* -*-mode:java; c-basic-offset:2; indent-tabs-mode:nil -*- */  
/*
```

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\*/

```
package com.jcraft.jsch;

public class Buffer{
    final byte[] tmp=new byte[4];
    byte[] buffer;
    int index;
    int s;
    public Buffer(int size){
        buffer=new byte[size];
        index=0;
        s=0;
    }
    public Buffer(byte[] buffer){
        this.buffer=buffer;
        index=0;
        s=0;
    }
    public Buffer(){ this(1024*10*2); }
    public void putByte(byte foo){
        buffer[index++]=foo;
    }
    public void putByte(byte[] foo) {
        putByte(foo, 0, foo.length);
    }
    public void putByte(byte[] foo, int begin, int length) {
        System.arraycopy(foo, begin, buffer, index, length);
        index+=length;
    }
    public void putString(byte[] foo){
        putString(foo, 0, foo.length);
    }
    public void putString(byte[] foo, int begin, int length) {
        putInt(length);
        putByte(foo, begin, length);
    }
    public void putInt(int val) {
        tmp[0]=(byte)(val >>> 24);
```



```

tmp[1]=(byte)(val >>> 16);
tmp[2]=(byte)(val >>> 8);
tmp[3]=(byte)(val);
System.arraycopy(tmp, 0, buffer, index, 4);
index+=4;
}
public void putLong(long val) {
tmp[0]=(byte)(val >>> 56);
tmp[1]=(byte)(val >>> 48);
tmp[2]=(byte)(val >>> 40);
tmp[3]=(byte)(val >>> 32);
System.arraycopy(tmp, 0, buffer, index, 4);
tmp[0]=(byte)(val >>> 24);
tmp[1]=(byte)(val >>> 16);
tmp[2]=(byte)(val >>> 8);
tmp[3]=(byte)(val);
System.arraycopy(tmp, 0, buffer, index+4, 4);
index+=8;
}
void skip(int n) {
index+=n;
}
void putPad(int n) {
while(n>0){
buffer[index++]= (byte)0;
n--;
}
}
public void putMPInt(byte[] foo){
int i=foo.length;
if((foo[0]&0x80)!=0){
i++;
putInt(i);
putByte((byte)0);
}
else{
putInt(i);
}
putByte(foo);
}
public int getLength(){
return index-s;
}
public int getOffSet(){
return s;
}
public void setOffSet(int s){
this.s=s;
}

```

```

}
public long getLong(){
    long foo = getInt()&0xffffffffL;
    foo = ((foo<<32) | (getInt()&0xffffffffL));
    return foo;
}
public int getInt(){
    int foo = getShort();
    foo = ((foo<<16)&0xffff0000) | (getShort()&0xffff);
    return foo;
}
public long getUInt(){
    long foo = 0L;
    long bar = 0L;
    foo = getByte();
    foo = ((foo<<8)&0xff00)|(getByte()&0xff);
    bar = getByte();
    bar = ((bar<<8)&0xff00)|(getByte()&0xff);
    foo = ((foo<<16)&0xffff0000) | (bar&0xffff);
    return foo;
}
int getShort() {
    int foo = getByte();
    foo = ((foo<<8)&0xff00)|(getByte()&0xff);
    return foo;
}
public int getByte() {
    return (buffer[s++]&0xff);
}
public void getByte(byte[] foo) {
    getByte(foo, 0, foo.length);
}
void getByte(byte[] foo, int start, int len) {
    System.arraycopy(buffer, s, foo, start, len);
    s+=len;
}
public int getByte(int len) {
    int foo=s;
    s+=len;
    return foo;
}
public byte[] getMPInt() {
    int i=getInt(); // uint32
    if(i<0 || // bigger than 0x7fffffff
        i>8*1024){
        // TODO: an exception should be thrown.
        i = 8*1024; // the session will be broken, but working around OOME.
    }
}

```

```

byte[] foo=new byte[i];
getBytes(foo, 0, i);
return foo;
}
public byte[] getMPIntBits() {
int bits=getInt();
int bytes=(bits+7)/8;
byte[] foo=new byte[bytes];
getBytes(foo, 0, bytes);
if((foo[0]&0x80)!=0){
byte[] bar=new byte[foo.length+1];
bar[0]=0; // ??
System.arraycopy(foo, 0, bar, 1, foo.length);
foo=bar;
}
return foo;
}
public byte[] getString() {
int i = getInt(); // uint32
if(i<0 || // bigger than 0x7fffffff
i>256*1024){
// TODO: an exception should be thrown.
i = 256*1024; // the session will be broken, but working around OOME.
}
byte[] foo=new byte[i];
getBytes(foo, 0, i);
return foo;
}
byte[] getString(int[]start, int[]len) {
int i=getInt();
start[0]=getBytes(i);
len[0]=i;
return buffer;
}
public void reset(){
index=0;
s=0;
}
public void shift(){
if(s==0)return;
System.arraycopy(buffer, s, buffer, 0, index-s);
index=index-s;
s=0;
}
void rewind(){
s=0;
}
}

```

```

byte getCommand(){
    return buffer[5];
}

void checkFreeSize(int n){
    if(buffer.length<index+n){
        byte[] tmp = new byte[buffer.length*2];
        System.arraycopy(buffer, 0, tmp, 0, index);
        buffer = tmp;
    }
}

byte[][] getBytes(int n, String msg) throws JSchException {
    byte[][] tmp = new byte[n][];
    for(int i = 0; i < n; i++){
        int j = getInt();
        if(getLength() < j){
            throw new JSchException(msg);
        }
        tmp[i] = new byte[j];
        getByte(tmp[i]);
    }
    return tmp;
}

/*
static Buffer fromBytes(byte[]... args){
    int length = args.length*4;
    for(int i = 0; i < args.length; i++){
        length += args[i].length;
    }
    Buffer buf = new Buffer(length);
    for(int i = 0; i < args.length; i++){
        buf.putString(args[i]);
    }
    return buf;
}
*/

static Buffer fromBytes(byte[][] args){
    int length = args.length*4;
    for(int i = 0; i < args.length; i++){
        length += args[i].length;
    }
    Buffer buf = new Buffer(length);
    for(int i = 0; i < args.length; i++){
        buf.putString(args[i]);
    }
}

```

```

return buf;
}

/*
static String[] chars={
    "0","1","2","3","4","5","6","7","8","9", "a","b","c","d","e","f"
};
static void dump_buffer(){
    int foo;
    for(int i=0; i<tmp_buffer_index; i++){
        foo=tmp_buffer[i]&0xff;
        System.err.print(chars[(foo>>>4)&0xf]);
        System.err.print(chars[foo&0xf]);
        if(i%16==15){
            System.err.println("");
            continue;
        }
        if(i>0 && i%2==1){
            System.err.print(" ");
        }
    }
    System.err.println("");
}
static void dump(byte[] b){
    dump(b, 0, b.length);
}
static void dump(byte[] b, int s, int l){
    for(int i=s; i<s+l; i++){
        System.err.print(Integer.toHexString(b[i]&0xff)+":");
    }
    System.err.println("");
}
*/
}

```

## 1.87 Jetty 9.2.19.v20160908

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```

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```

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Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

javax.servlet:javax.servlet-api  
javax.servlet.jsp:javax.servlet.jsp-api  
org.glassfish.web:javax.servlet.jsp  
org.glassfish.web:javax.servlet.jsp  
org.glassfish.web:javax.servlet.jsp.jstl  
org.eclipse.jetty.orbit:javax.servlet.jsp.jstl

-----

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

-----

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

-----

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

-----

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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iQEcBAEBAgAGBQJQBb4tAAoJEMHhjBmtgF91HDcH/2nQDPuPztWFrBifnEoLF6Jl  
RUkfJzAPZaLDtDMfiDz7ucdRL1RDodmz4VIF2+fbKeBYQquZXfXIEghz+tKriK3  
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Full name: Julian Anthony Fox Gosnell

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Mailing Address: 2, Tannery Cottages, Tannery Lane, Bramley, Surrey, GU5 0AB, UK.

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iD8DBQFEebh9SoT4b97cQk4RAnCMAKCuNGYLHa6n/Ot3GEdwCCLeQxsMPACdEhnE  
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=piHm

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Point of Contact:  
Full name: Gordon King  
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Name: Gordon King

Positions: Chief Operational Officer

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Name	Date added
Simone Bordet	12 September 2006

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Date: 8 January 2007

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Version: GnuPG v1.4.3 (GNU/Linux)

iD8DBQFFoniQJVhlFus9dGQRAmJmAJwL5y1loohVQIICsparvjHMQuwqwCgiZFy

LBDVaad1bJ1v1EHY901kPcg=

=6rqm

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E-Mail: `jfarcand@apache.org`  
Mailing Address: 1800 McGill College Avenue, Suite 800, H3A 3J6 Montreal, Quebec (Canada)

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Version: GnuPG v1.0.7 (GNU/Linux)

iD8DBQFE85cgaq9Frj/CIrIRAmuJAKCFgi4W0UOH8IU<sub>n</sub>+SV6PBHRF3BnLgCcDqqC  
Zokttk0bTHfwaa5TxQbScw=  
=N/w/

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Mailing Address: 1A Leigh Road, London, UK, N5 1ST

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Date: January 30th 2006

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Version: GnuPG v1.4.1 (Darwin)

iD8DBQFD37/4dL6IZr4c+6kRAtsIAJ41tfd3lj4OM6sIMfJfTOdYdT1bxwCdGgWv  
8sfMxEDZquIqhVbfZU2c76U=  
=8WW7

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Version: GnuPG v1.4.4 (MingW32)

iD8DBQFEt1ZxHR/ESK2w6H8RApbOAJ9c1eooNr2oN59WZVitJExGJjUvKgCfaKji

6etDJ6AUj0jTuS159hUsWMQ=

=HmqH

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Version: GnuPG v1.4.1 (GNU/Linux)

iD8DBQFEEaStXR9WPTAwnLARAjsNAJ4jBB6wCEqucFljGge7yrAMSrFv/gCgoMC+  
5hdry6ZjXRcUhQEyNz2F/T4=  
=I4Co

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Date: 27 June 2008

Please sign: David Jencks

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Version: GnuPG v1.4.7 (Darwin)

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 *
 * Generates inline sparkline charts from data supplied either to the method
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# 1.101 kapacitor 1.5.0

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Go support for Protocol Buffers - Google's data interchange format  
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Support for streaming Protocol Buffer messages for the Go language (golang).  
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```

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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
```

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<title>Eclipse Foundation Software User Agreement</title>
```

```
</head>
```

```
<body lang="EN-US">
```

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<h2>Eclipse Foundation Software User Agreement</h2>
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<p>February 1, 2011</p>
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package spec

```
// License information for the exposed API.  
//  
// For more information: http://goo.gl/8us55a#licenseObject  
type License struct {  
    Name string `json:"name,omitempty"`  
    URL string `json:"url,omitempty"`  
}  
The MIT License (MIT)
```

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Go support for Protocol Buffers - Google's data interchange format

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<https://github.com/golang/protobuf>

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```
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```

```
# Name <email address>
```

```
# Please keep the list sorted.
```

```
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Jan Mercl <0xjnm@gmail.com>
Kai Backman <kaib@golang.org>
Marc-Antoine Ruel <maruel@chromium.org>
Nigel Tao <nigeltao@golang.org>
Rob Pike <r@golang.org>
```

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Paul Borman <borman@google.com>

bmatsuo

shawnps

theory

jboverfelt

dsymonds

cd1

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Gnomovision version 69, Copyright (C) year name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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```

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

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<signature of Ty Coon>, 1 April 1989  
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Protocol Buffers for Go with Gadgets

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<http://github.com/gogo/protobuf>

Go support for Protocol Buffers - Google's data interchange format

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## 1.102 logging-interceptor 3.10.0

## 1.103 mockito 1.8.5

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## 1.113 org.springframework.test

### 3.0.5.RELEASE

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> Notice and warning messages generated by the server are not returned
  by the query execution functions, since they do not imply failure of

```

the query. Instead they are passed to a notice handling function, and execution continues normally after the handler returns. The default notice handling function prints the message on

<TT

CLASS="FILENAME"

>stderr</TT

>, but the application can override this

behavior by supplying its own handling function.

</P

><P

> For historical reasons, there are two levels of notice handling, called the notice receiver and notice processor. The default behavior is for the notice receiver to format the notice and pass a string to the notice processor for printing. However, an application that chooses to provide its own notice receiver will typically ignore the notice processor layer and just do all the work in the notice receiver.

</P

><P

> The function <CODE

CLASS="FUNCTION"

>PQsetNoticeReceiver</CODE

>

sets or

examines the current notice receiver for a connection object.

Similarly, <CODE

CLASS="FUNCTION"

>PQsetNoticeProcessor</CODE

>

sets or

examines the current notice processor.

</P><PRE

CLASS="SYNOPSIS"

>typedef void (\*PQnoticeReceiver) (void \*arg, const PGresult \*res);

PQnoticeReceiver

PQsetNoticeReceiver(PGconn \*conn,  
PQnoticeReceiver proc,  
void \*arg);

typedef void (\*PQnoticeProcessor) (void \*arg, const char \*message);

PQnoticeProcessor

PQsetNoticeProcessor(PGconn \*conn,  
PQnoticeProcessor proc,  
void \*arg);</PRE

><P>

Each of these functions returns the previous notice receiver or processor function pointer, and sets the new value. If you supply a null function pointer, no action is taken, but the current pointer is returned.

</P

><P

> When a notice or warning message is received from the server, or generated internally by <SPAN

CLASS="APPLICATION"

>libpq</SPAN

>, the notice

receiver function is called. It is passed the message in the form of

a <TT

CLASS="SYMBOL"

>PGRES\_NONFATAL\_ERROR</TT

>

<TT

CLASS="STRUCTNAME"

>PGresult</TT

>. (This allows the receiver to extract

individual fields using <CODE

CLASS="FUNCTION"

>PQresultErrorField</CODE

>, or obtain a

complete preformatted message using <CODE

CLASS="FUNCTION"

>PQresultErrorMessage</CODE

>

or <CODE

CLASS="FUNCTION"

>PQresultVerboseErrorMessage</CODE

>.) The same

void pointer passed to <CODE

CLASS="FUNCTION"

>PQsetNoticeReceiver</CODE

> is also

passed. (This pointer can be used to access application-specific state if needed.)

</P

><P

> The default notice receiver simply extracts the message (using

<CODE

CLASS="FUNCTION"

>PQresultErrorMessage</CODE

>) and passes it to the notice

processor.

</P

><P

- > The notice processor is responsible for handling a notice or warning message given in text form. It is passed the string text of the message (including a trailing newline), plus a void pointer that is the same one passed to <CODE

CLASS="FUNCTION"

>PQsetNoticeProcessor</CODE

- >. (This pointer can be used to access application-specific state if needed.)

</P

><P

- > The default notice processor is simply:

</P><PRE

CLASS="PROGRAMLISTING"

>static void

defaultNoticeProcessor(void \*arg, const char \*message)

{

    fprintf(stderr, "%s", message);

}</PRE

><P>

</P

><P

- > Once you have set a notice receiver or processor, you should expect that that function could be called as long as either the

<TT

CLASS="STRUCTNAME"

>PGconn</TT

- > object or <TT

CLASS="STRUCTNAME"

>PGresult</TT

- > objects made

from it exist. At creation of a <TT

CLASS="STRUCTNAME"

>PGresult</TT

- >, the

<TT

CLASS="STRUCTNAME"

>PGconn</TT

- >'s current notice handling pointers are copied

into the <TT

CLASS="STRUCTNAME"

>PGresult</TT

- > for possible use by functions like

<CODE

CLASS="FUNCTION"

>PQgetvalue</CODE

- >.

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CELLSPACING="0"
><TR
><TD
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VALIGN="top"
><A
HREF="libpq-misc.html"
ACCESSKEY="P"
>Prev</A
></TD
><TD
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ALIGN="center"
VALIGN="top"
><A
HREF="index.html"
ACCESSKEY="H"
>Home</A
></TD
><TD
WIDTH="33%"
ALIGN="right"
VALIGN="top"
><A
HREF="libpq-events.html"
ACCESSKEY="N"
>Next</A
></TD
></TR
><TR
><TD
WIDTH="33%"
ALIGN="left"
VALIGN="top"
>Miscellaneous Functions</TD
><TD

```

```
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HREF="libpq.html"
ACCESSKEY="U"
>Up</A
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<<TD
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VALIGN="top"
>Event System</TD
<</TR
<</TABLE
<</DIV
<</BODY
<</HTML
>
```

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```
*****
```

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diff -c -r bsd\_indent/Makefile pg\_bsd\_indent/Makefile

\*\*\* bsd\_indent/Makefile Wed Oct 26 17:13:34 2011

--- pg\_bsd\_indent/Makefile Wed Oct 12 12:17:12 2011

\*\*\*\*\*

\*\*\* 2,10 \*\*\*\*

# Makefile

#

#

! TARGET = indent

XFLAGS = -Wall -D\_\_RCSID="static char \*rcsid=" -D\_\_COPYRIGHT="static char \*copyright="

! CFLAGS = -g

LIBS =

\$(TARGET) : args.o indent.o io.o lexi.o parse.o pr\_comment.o

--- 2,10 ----

# Makefile

#

#

! TARGET = pg\_bsd\_indent

XFLAGS = -Wall -D\_\_RCSID="static char \*rcsid=" -D\_\_COPYRIGHT="static char \*copyright="

! CFLAGS = -O

LIBS =

\$(TARGET) : args.o indent.o io.o lexi.o parse.o pr\_comment.o

\*\*\*\*\*

\*\*\* 31,37 \*\*\*\*

clean:

rm -f \*.o \$(TARGET) log core

! install:

! make clean

! make CFLAGS=-O

install -s -o bin -g bin \$(TARGET) /usr/local/bin

--- 31,35 ----

clean:

rm -f \*.o \$(TARGET) log core

! install: \$(TARGET)

install -s -o bin -g bin \$(TARGET) /usr/local/bin

diff -c -r bsd\_indent/README pg\_bsd\_indent/README

\*\*\* bsd\_indent/README Wed Oct 26 17:13:34 2011

```

--- pg_bsd_indent/README Mon Nov 14 19:30:24 2005
*****
*** 1,3 ****
--- 1,13 ----
+
+ This patch is from NetBSD current, 2005-11-14. It contains all the
+ patches need for its use in PostgreSQL.
+
+ bjm
+
+ -----
+
+
+
+ This is the C indenter, it originally came from the University of Illinois
+ via some distribution tape for PDP-11 Unix. It has subsequently been
+ hacked upon by James Gosling @ CMU. It isn't very pretty, and really needs
+ diff -c -r bsd_indent/args.c pg_bsd_indent/args.c
*** bsd_indent/args.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/args.c Wed Oct 26 17:16:56 2011
*****
*** 83,88 ****
--- 83,90 ----
#include <string.h>
#include "indent_globs.h"

+ #define INDENT_PG_VERSION "1.1"
+
+ /* profile types */
+ #define PRO_SPECIAL 1 /* special case */
+ #define PRO_BOOL 2 /* boolean */
+ *****
*** 99,106 ****
--- 101,113 ----
+ #define STDIN 3 /* use stdin */
+ #define KEY 4 /* type (keyword) */

+ #define KEY_FILE 5 /* only used for args */
+ #define VERSION 6 /* only used for args */
+
+ char *option_source = "?";

+ void add_typedefs_from_file(char *str);
+
+ /*
+ * N.B.: because of the way the table here is scanned, options whose names are
+ * substrings of other options must occur later; that is, with -lp vs -l, -lp
+ *****

```

```

*** 118,123 ****
--- 125,136 ----
    "T", PRO_SPECIAL, 0, KEY, 0
    },
    {
+   "U", PRO_SPECIAL, 0, KEY_FILE, 0
+  },
+  {
+   "V", PRO_SPECIAL, 0, VERSION, 0
+  },
+  {
    "bacc", PRO_BOOL, false, ON, &blanklines_around_conditional_compilation
  },
  {
*****
*** 425,430 ****
--- 438,456 ----
    }
    break;

+   case KEY_FILE:
+   if (*param_start == 0)
+   goto need_param;
+   add_typedefs_from_file(param_start);
+   break;
+
+   case VERSION:
+   {
+   printf("pg_bsd_indent %s\n", INDENT_PG_VERSION);
+   exit(0);
+   }
+   break;
+
    default:
        fprintf(stderr, "\
indent: set_option: internal error: p_special %d\n", p->p_special);
*****
*** 459,461 ****
--- 485,508 ----
    exit(1);
    }
    }
+
+
+ void
+ add_typedefs_from_file(char *str)
+ {
+ FILE *file;

```

```

+ char line[BUFSIZ];
+
+ if ((file = fopen(param_start, "r")) == NULL)
+ {
+ fprintf(stderr, "indent: cannot open file %s\n", str);
+ exit(1);
+ }
+ while ((fgets(line, BUFSIZ, file)) != NULL)
+ {
+ /* Remove trailing whitespace */
+ *(line + strcspn(line, "\t\n\r")) = '\0';
+ addkey(strdup(line), 4);
+ }
+ fclose(file);
+ }
Only in pg_bsd_indent: args.o
Only in pg_bsd_indent: indent.bsd.patch
Only in pg_bsd_indent: indent.o
diff -c -r bsd_indent/indent_globs.h pg_bsd_indent/indent_globs.h
*** bsd_indent/indent_globs.h Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/indent_globs.h Mon Nov 14 19:30:24 2005
*****
*** 239,245 ****
    scomf, /* Same line comment font */
    bodyf; /* major body font */

! #define STACK_SIZE 150

EXTERN struct parser_state {
    int last_token;
--- 239,249 ----
    scomf, /* Same line comment font */
    bodyf; /* major body font */

! /*
! * This controls the maximum number of 'else if' clauses supported.
! * If it is exceeded, comments are placed in column 100.
! */
! #define STACK_SIZE 1000

EXTERN struct parser_state {
    int last_token;
Only in pg_bsd_indent: io.o
diff -c -r bsd_indent/lexi.c pg_bsd_indent/lexi.c
*** bsd_indent/lexi.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/lexi.c Mon Nov 14 19:30:24 2005
*****
*** 93,99 ****

```

```

int  rwdcode;
};

! struct templ specials[1000] =
{
  {"switch", 1},
  {"case", 2},
--- 93,99 ----
int  rwdcode;
};

! struct templ specials[16384] =
{
  {"switch", 1},
  {"case", 2},
*****
*** 622,629 ****
    else
      p++;
    if (p >= specials + sizeof specials / sizeof specials[0])
! return; /* For now, table overflows are silently
!   * ignored */
    p->rwd = key;
    p->rwdcode = val;
    p[1].rwd = 0;
--- 622,632 ----
    else
      p++;
    if (p >= specials + sizeof specials / sizeof specials[0])
! {
!   fprintf(stderr, "indent: typedef table overflow\n");
!   exit(1);
! }
!
    p->rwd = key;
    p->rwdcode = val;
    p[1].rwd = 0;
Only in pg_bsd_indent: lexi.o
diff -c -r bsd_indent/parse.c pg_bsd_indent/parse.c
*** bsd_indent/parse.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/parse.c Mon Nov 14 19:30:24 2005
*****
*** 231,236 ****
--- 231,241 ----

} /* end of switch */

+ if (ps.tos >= STACK_SIZE) {

```

```

+   fprintf(stderr, "indent: stack size overflow\n");
+   exit(1);
+ }
+
+   reduce(); /* see if any reduction can be done */

#ifdef debug
Only in pg_bsd_indent: parse.o
diff -c -r bsd_indent/pr_comment.c pg_bsd_indent/pr_comment.c
*** bsd_indent/pr_comment.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/pr_comment.c Mon Nov 14 19:30:24 2005
*****
*** 148,154 ****
    ps.box_com = true;
    ps.com_col = 1;
    } else {
!   if (*buf_ptr == '-' || *buf_ptr == '*' || *buf_ptr == '\n') {
        ps.box_com = true; /* a comment with a '-', '*'
            * or newline immediately
            * after the start comment is
--- 148,158 ----
    ps.box_com = true;
    ps.com_col = 1;
    } else {
!   /*
!   * Don't process '\n' or every comment is treated as a
!   * block comment, meaning there is no wrapping.
!   */
!   if (*buf_ptr == '-' || *buf_ptr == '*') {
        ps.box_com = true; /* a comment with a '-', '*'
            * or newline immediately
            * after the start comment is
*****
*** 328,333 ****
--- 332,350 ----
        goto end_of_comment;
    }
    } while (*buf_ptr == ' ' || *buf_ptr == '\t');
+
+   /*
+   * If there is a blank comment line, we need to prefix
+   * the line with the same three spaces that "/* " takes up.
+   * Without this code, blank stard lines in comments have
+   * three too-many characters on the line when wrapped.
+   */
+   if (s_com == e_com) {
+       *e_com++ = ' '; /* add blanks for continuation */
+       *e_com++ = ' ';

```

```
+     *e_com++ = ' ';
+     now_col += 3;
+ }
} else
    if (++buf_ptr >= buf_end)
        fill_buffer();
Only in pg_bsd_indent: pr_comment.o
```

## 1.119 postgresql-jdbc 9.4.1212

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## 1.120 prettyfaces 3.3.3

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## 1.130 servlet-api 2.5

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## 1.133 stateless4j 2.5.0

## 1.134 Syslog4j 0.9.30

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## 1.136 trove 1.1-beta-5

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# 1.138 Weld 2.2.9

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