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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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```

```
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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mailto:robert@broofa.com
```

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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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```

```

#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

```

```

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```

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

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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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PNG

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procs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Gocheck - A rich testing framework for Go

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    URL  string `json:"url,omitempty"`
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Go support for Protocol Buffers - Google's data interchange format

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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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PNG

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Gocheck - A rich testing framework for Go

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1.31 docker-py 3.4.1

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1.32 dom4j 2.1.1

1.33 Drools - Core 5.6.0.Final

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1.39 hamcrest-library 1.2

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1.42 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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/*

* Hibernate, Relational Persistence for Idiomatic Java

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/**

1.43 hibernate-infinispan 4.2.15.Final

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1.47 influxdb-java 2.11

1.48 jackson-jaxrs 1.8.1

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1.51 javassist-3.8.0.GA.jar 3.8.0

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1.52 jaxb-api 2.1

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1.53 jaxb-impl 2.1.13

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:3.5.1.1.jdk6.ep5.el5

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1.72 jboss-ejb3-ext-api-impl 1.0.0

:3.4.1.jdk6.ep5.el5

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1.74 jbossws-spi-1.0.0-1.GA_CP02.1.ep1.e15

1.0.0

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1.75 JCraft JSch 0.1.50

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```
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/*
```

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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 0x7ffffff
   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 0x7ffffff
       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("");
}
*/

}

```

1.76 Jetty 9.2.19.v20160908

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The following artifacts are CDDL + GPLv2 with classpath exception.

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

javax.servlet:javax.servlet-api
javax.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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C/W/GuQFfCJJykkL2jd9/Ag=
=ufUh

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iQEcBAEBAGAGBQJQBb4tAAoJEMHhjBmtgF91HDcH/2nQDPuPztWFrBifnEoLF6JI
RUkfJzAPZaLDtDMfiDz7ucdRL1RDodmz4VIF2+fbKeBYQuZXfXIeEghz+tKriK3
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tgYG0FwEit00MAq/IRbsXHLpBOY+Jyh/Xy+QRnQTcAQ+tAgOlxds3w+JSs2sGdes
YLAJQQacLeGh7EzD3F+CKuiwT4c5ub64LdXSIAVj1u2OjzBfqLaJ3FA60Ti+I3kn
FNWkPzaeX+SQgMak6hsuatXi6EsVk6sIaskwEgl6+Xk+HYWy23ZQ8BKQRLKOZTw=
=gAqN
```

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I/stizRWWZZkeLbcglzdQCE=
=piHm
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Full name: Jan Bartel

E-Mail: janb@eclipse.com

Mailing Address: 62 Church St Balmain NSW 2041 Australia

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Corporation name: Simula Labs, Inc.

Mailing Address: 4676 Admiralty Way, Suite 520

Point of Contact:

Full name: Gordon King

E-Mail: gordon.king@simulalabs.com

Fax: +1 800 822 0471

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Date:

Signature:

Name: Gordon King

Positions: Chief Operational Officer

Schedule A

Name	Date added
Simone Bordet	12 September 2006
_____	_____
_____	_____

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E-Mail: simone.bordet@gmail.com

Mailing Address:

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Date: January 30th 2006

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Version: GnuPG v1.4.1 (Darwin)

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8sfMxEDZquIqhVbfZU2c76U=
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Version: GnuPG v1.4.4 (MingW32)

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6etDJ6AUj0jTuSI59hUsWMQ=
=HmqH

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Version: GnuPG v1.4.1 (GNU/Linux)

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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)

iD8DBQFIZT2ToF6+5lbz4BsRAs3wAJ9puXC26Nr8nhFvTZ9oNwxDFV/DVACgnC8O

VFUWPZrflOJesKa0/rYNJIM=

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 * v2.1
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 * http://omnipotent.net/jquery.sparkline/
 *
 * Generates inline sparkline charts from data supplied either to the method
 * or inline in HTML
 *
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1.89 kafka_2.11 0.11.0.1

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1.90 kapacitor 1.5.0

1.90.1 Available under license :

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

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```
<?xml version="1.0" encoding="ISO-8859-1" ?>
```

```
<!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" />
```

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

```
</head>
```

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

```
<h2>Eclipse Foundation Software User Agreement</h2>
```

```
<p>February 1, 2011</p>
```

```
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```
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//
// For more information: http://goo.gl/8us55a#licenseObject
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```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain

clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

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e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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1.107 postgresql-9.6 9.6.9

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```

```

NAME="LIBPQ-NOTICE-PROCESSING"
>32.12. Notice Processing</A
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><P
> 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);
```

>><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

CLASS="APPLICATION"

>libpq

>, the notice

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

a

CLASS="SYMBOL"

>PGRES_NONFATAL_ERROR

>

<TT

CLASS="STRUCTNAME"

>PGresult

>. (This allows the receiver to extract

individual fields using

CLASS="FUNCTION"

>PQresultErrorField

>, or obtain a

complete preformatted message using

CLASS="FUNCTION"

>PQresultErrorMessage

>

or

CLASS="FUNCTION"

>PQresultVerboseErrorMessage

>.) The same

void pointer passed to

CLASS="FUNCTION"

>PQsetNoticeReceiver

> 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"
```

```

>PGrresult</TT
> for possible use by functions like
  <CODE
  CLASS="FUNCTION"
  >PQgetvalue</CODE
>.
  </P
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```

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>Event System</TD
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```

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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, "\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  rwcode;
};

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

! 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->rawd = key;
    p->rwcode = val;
    p[1].rawd = 0;
--- 622,632 ----
    else
        p++;
    if (p >= specials + sizeof specials / sizeof specials[0])
!   {
!   fprintf(stderr, "indent: typedef table overflow\n");
!   exit(1);
!   }
!
    p->rawd = key;
    p->rwcode = val;
    p[1].rawd = 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 stered 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

```

1.108 postgresql-jdbc 9.4.1212

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1.109 prettyfaces 3.3.3

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1.110 protobuf 2.3.0

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1.111 protobuf-java-format 1.1.1

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1.116 retrofit 2.4.0

1.117 scannotation 1.0.3

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