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- \* /opt/cola/permits/1000011954\_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/GZIPOutputStream.java
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\* /opt/cola/permits/1000011954\_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/Adler32.java  
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- \* /opt/cola/permits/1000011954\_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/StaticTree.java
- \* /opt/cola/permits/1000011954\_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/ZStreamException.java
- \* /opt/cola/permits/1000011954\_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/InfTree.java
- \* /opt/cola/permits/1000011954\_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/Tree.java
- \* /opt/cola/permits/1000011954\_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/InfCodes.java

## 1.4 websocket 1.1.FR

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jar/javax/websocket/PongMessage.java

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\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/SendHandler.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/EncodingException.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/ContainerProvider.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/OnOpen.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/WebSocketContainer.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/EndpointConfig.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/OnError.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/DecodeException.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/OnClose.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/ServerEndpointConfig.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/DefaultClientEndpointConfig.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/package-info.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/PathParam.java

\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/ServerEndpoint.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/MessageHandler.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/ClientEndpointConfig.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/Decoder.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/Encoder.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/HandshakeResponse.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/RemoteEndpoint.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/OnMessage.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/package-info.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/ServerContainer.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/DeploymentException.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/SendResult.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/DefaultServerEndpointConfig.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/CloseReason.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/HandshakeRequest.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/Endpoint.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/ClientEndpoint.java  
\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/server/ServerApplicationConfig.java

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\* /opt/cola/permits/1000018032\_1654022968.5253847/0/javax-websocket-api-1-1-sources-2-jar/javax/websocket/Session.java

## 1.5 libpcap 1.8.1

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## 1.6 aop-alliance 2.5.0

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## 1.7 tomcat-jasper-el 8.5.32

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## 1.11 pcre 8.35

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jar/com/github/oxo42/stateless4j/delegates/FuncBoolean.java
* /opt/cola/permits/1320330290_1651524963.22/0/stateless4j-2-5-0-sources-7-
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# 1.13 diffutils 2.8

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Anderson, Jamie  
Andrew, Nick  
Andric, Dimitry  
Barron, Danny  
Bates, Tom  
Behan, Zdenk  
Bellis, Ray  
Benali, Elias  
Beverly, Jamie  
Boardman, Spider  
Bostley, P.J.  
Bowes, Keith  
Boyce, Keith Garry  
Brantley, Michael  
Braun, Rob  
Bezina, Pavel  
Brooks, Piete  
Brown, Jerry  
Burr, Michael E  
Burton, Ross  
Bussjaeger, Andreas  
Calvin, Gary  
Campbell, Aaron  
Chazelas, Stephane  
ek, Vtzslav  
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Corzine, Deven T.  
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Edgington, Ben  
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Frysinger, Mike  
G., Daniel Richard  
Gailly, Jean-loup  
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Gerraty, Simon J.  
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Guillory, B.  
Hayman, Randy M.  
Henke, Joachim

Hideaki, Yoshifuji  
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Hunter, Michael T.  
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The following people have worked to translate sudo into other languages:

Blttermann, Mario  
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## 1.16 json-c 0.13

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# 1.18 jetty-webapp 9.2.13.v20150730

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```
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/DescriptorProcessor.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/IterativeDescriptorProcessor.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/Origin.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/WebDescriptor.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/WebAppClassLoader.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/WebXmlConfiguration.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/DiscoveredAnnotation.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/WebAppContext.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/DefaultsDescriptor.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/JarScanner.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/FragmentDescriptor.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/MetaData.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/MetaDataComplete.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/Configuration.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/AbstractConfiguration.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/FragmentConfiguration.java
* /opt/cola/permits/1001100681_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/webapp/CloneConfiguration.java
```

- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/MetaInfConfiguration.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/package-info.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/OverrideDescriptor.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/StandardDescriptorProcessor.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/Descriptor.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/WebInfConfiguration.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/JettyWebXmlConfiguration.java
- \* /opt/cola/permits/1001100681\_1651084510.26/0/jetty-webapp-9-2-13-v20150730-sources-jar/org/eclipse/jetty/webapp/Ordering.java
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## 1.19 bcel 2.7.2

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*/
// Attribution to: "Voytenko, Dimitry" <DVoytenko@SECTORBASE.COM>
```

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```
* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/ToHTMLStream.java
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*/
/**
* This is a special exception that is used to stop parsing when
* search for an element. For instance, when searching for xml:stylesheet
* PIs, it is used to stop the parse once the document element is found.
* @see StylesheetPIHandler
* @xsl.usage internal
*/
```

Found in path(s):

```
* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xml/utils/StopParseException.java
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- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output\_text.properties
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Encodings.properties
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTInfo.properties
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output\_xml.properties
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output\_unknown.properties
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/XMLEntities.properties
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Makefile.inc
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output\_html.properties

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- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Number.java

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- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/SerializerSwitcher.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/HasPositionalPredChecker.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemUse.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/AxesWalker.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ExtendedContentHandler.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/NotEquals.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/NodeCounter.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/ObjectArray.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/Constants.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/NamespaceUriCall.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Encodings.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemLiteralResult.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/AVTPartXPath.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/WalkerFactory.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XObject.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/FilterGenerator.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/ChildTestIterator.java
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- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ElementAvailableCall.java
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- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/NSInfo.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ConcatCall.java
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/CurrentNodeListFilter.java
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\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/SerializerFactory.java

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\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XMLStringFactoryImpl.java

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- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-

jar/org/apache/xml/serializer/utils/SerializerMessages\_ja.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/trax/SmartTransformerFactoryImpl.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncTranslate.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/extensions/ExpressionVisitor.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xml/utils/res/XResources\_ko.java  
\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Include.java

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\*/

Found in path(s):

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/XPathLexer.java

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\*/

/\*

\* \$Id: XSLProcessorVersion.src 468640 2006-10-28 06:53:53Z minchau \$

\*/

```
package org.apache.xalan.processor;
```

```
/**
```

```
* Administrative class to keep track of the version number of
```

```
* the Xalan release.
```

```
* <P>See also: org/apache/xalan/res/XSLTInfo.properties</P>
```

```
* @deprecated To be replaced by org.apache.xalan.Version.getVersion()
```

```
* @xsl.usage general
```

```
*/
```

```
public class XSLProcessorVersion
```

```
{
```

```
/**
```

```
* Print the processor version to the command line.
```

```
*
```

```
* @param argv command line arguments, unused.
```

```
*/
```

```
public static void main(String argv[])
```

```
{
```

```
    System.out.println(S_VERSION);
```

```
}
```

```
/**
```

```
* Constant name of product.
```

```
*/
```

```
public static final String PRODUCT = "Xalan";
```

```
/**
```

```
* Implementation Language.
```

```
*/
```

```
public static final String LANGUAGE = "Java";
```

```
/**
```

```
* Major version number.
```

```
* Version number. This changes only when there is a
```

```
* significant, externally apparent enhancement from
```

```
* the previous release. 'n' represents the n'th
```

```
* version.
```

```
*
```

```
* Clients should carefully consider the implications
```

```
* of new versions as external interfaces and behaviour
```

```

*    may have changed.
*/
public static final int VERSION = @version.VERSION@;

/**
 * Release Number.
 * Release number. This changes when:
 *     - a new set of functionality is to be added, eg,
 *       implementation of a new W3C specification.
 *     - API or behaviour change.
 *     - its designated as a reference release.
 */
public static final int RELEASE = @version.RELEASE@;

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */
public static final int MAINTENANCE = @version.MINOR@;

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */
public static final int DEVELOPMENT = 0;

/**
 * Version String like <CODE>"<B>Xalan</B> <B>Language</B>
 * v.r[.dd] <B>D</B>nn]"</CODE>.
 * <P>Semantics of the version string are identical to the Xerces project.</P>

```

```

*/
public static final String S_VERSION = PRODUCT+" "+LANGUAGE+" "
    +VERSION+"."+RELEASE+"."
    +(DEVELOPMENT > 0 ? ("D"+DEVELOPMENT)
    : (""+MAINTENANCE));

}

```

Found in path(s):

```

* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/XSLProcessorVersion.src

```

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```

```

*/
/**
* Major version number.
* Version number. This changes only when there is a
* significant, externally apparent enhancement from
* the previous release. 'n' represents the n'th
* version.
*
* Clients should carefully consider the implications
* of new versions as external interfaces and behaviour
* may have changed.
*/

```

Found in path(s):

```

* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.java
* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/XSLProcessorVersion.java
* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.java

```

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 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
// Proprietary, built in functions
/** current function string (Proprietary). */
```

Found in path(s):

```
* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xpath/compiler/Keywords.java
```

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 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */

/*
 * $Id: xpath.cup 1225752 2011-12-30 04:12:46Z mrglavas $
 */
```

```

/*
 * @author Jacek Ambroziak
 * @author Santiago Pericas-Geertsen
 * @author Morten Jorgensen
 * @author G. Todd Miller
 */

package org.apache.xalan.xsltc.compiler;

import java.util.Stack;
import java.util.Vector;
import java.io.StringReader;
import java_cup.runtime.*;

import org.apache.xml.dtm.DTM;
import org.apache.xalan.xsltc.DOM;
import org.apache.xml.dtm.Axis;
import org.apache.xalan.xsltc.runtime.Operators;
import org.apache.xalan.xsltc.compiler.util.ErrorMsg;

parser code {
    /**
     * Used by function calls with no args.
     */
    static public final Vector EmptyArgs = new Vector(0);

    /**
     * Reference to non-existing variable.
     */
    static public final VariableRef DummyVarRef = null;

    /**
     * Reference to the Parser class.
     */
    private Parser _parser;
    private XSLTC _xsltc;

    /**
     * String representation of the expression being parsed.
     */
    private String _expression;

    /**
     * Line number where this expression/pattern was declared.
     */
    private int _lineNumber = 0;

    /**

```

```

    * Reference to the symbol table.
    */
public SymbolTable _symbolTable;

public XPathParser(Parser parser) {
    _parser = parser;
    _xslt = parser.getXSLTC();
    _symbolTable = parser.getSymbolTable();
}

public int getLineNumber() {
    return _lineNumber;
}

public QName getQNameIgnoreDefaultNs(String name) {
    return _parser.getQNameIgnoreDefaultNs(name);
}

public QName getQName(String namespace, String prefix, String localname) {
    return _parser.getQName(namespace, prefix, localname);
}

public void setMultiDocument(boolean flag) {
    _xslt.setMultiDocument(flag);
}

public void setCallsNodeset(boolean flag) {
    _xslt.setCallsNodeset(flag);
}

public void setHasIdCall(boolean flag) {
    _xslt.setHasIdCall(flag);
}

/**
 * This method is similar to findNodeType(int, Object) except that it
 * creates a StepPattern instead of just returning a node type. It also
 * differs in the way it handles "{uri}:*" and "{uri}:@*". The last two
 * patterns are expanded as "[namespace-uri() = 'uri']" and
 * "@*[namespace-uri() = 'uri']", respectively. This expansion considerably
 * simplifies the grouping of patterns in the Mode class. For this
 * expansion to be correct, the priority of the pattern/template must be
 * set to -0.25 (when no other predicates are present).
 */
public StepPattern createStepPattern(int axis, Object test, Vector predicates) {
    int nodeType;

```

```

if (test == null) { // "*"
    nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :
(axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;

    return new StepPattern(axis, nodeType, predicates);
}
else if (test instanceof Integer) {
nodeType = ((Integer) test).intValue();

return new StepPattern(axis, nodeType, predicates);
}
else {
QName name = (QName)test;
boolean setPriority = false;

if (axis == Axis.NAMESPACE) {
nodeType = (name.toString().equals("*")) ? -1
: _xslt.registerNamespacePrefix(name);
}
else {
final String uri = name.getNamespace();
final String local = name.getLocalPart();
final QName namespace_uri =
_parser.getQNameIgnoreDefaultNs("namespace-uri");

// Expand {uri}:* to *[namespace-uri() = 'uri'] - same for @*
if (uri != null && (local.equals("*") || local.equals("@*"))) {
    if (predicates == null) {
predicates = new Vector(2);
    }

// Priority is set by hand if no other predicates exist
setPriority = (predicates.size() == 0);

    predicates.add(
new Predicate(
    new EqualityExpr(Operators.EQ,
new NamespaceUriCall(namespace_uri),
new LiteralExpr(uri)));
}

if (local.equals("*")) {
    nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
: NodeTest.ELEMENT;
}
else if (local.equals("@*")) {
    nodeType = NodeTest.ATTRIBUTE;
}
}
}

```

```

else {
    nodeType = (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name)
: _xsltc.registerElement(name);
}
}

final StepPattern result = new StepPattern(axis, nodeType, predicates);

// Set priority for case prefix:* and prefix:@* (no predicates)
if (setPriority) {
result.setPriority(-0.25);
}

return result;
}
}

public int findNodeType(int axis, Object test) {
if (test == null) { // *
    return (axis == Axis.ATTRIBUTE) ?
NodeTest.ATTRIBUTE :
(axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;
}
    else if (test instanceof Integer) {
        return ((Integer)test).intValue();
    }
    else {
        QName name = (QName)test;

        if (axis == Axis.NAMESPACE) {
            return (name.toString().equals("")) ? -1
: _xsltc.registerNamespacePrefix(name);
        }

        if (name.getNamespace() == null) {
            final String local = name.getLocalPart();

            if (local.equals("")) {
                return (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
: NodeTest.ELEMENT;
            }
            else if (local.equals("@*")) {
                return NodeTest.ATTRIBUTE;
            }
        }

        return (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name)
: _xsltc.registerElement(name);
    }
}

```



```

    }
}

/**
 * Parse the expression passed to the current scanner. If this
 * expression contains references to local variables and it will be
 * compiled in an external module (not in the main class) request
 * the current template to create a new variable stack frame.
 *
 * @param lineNumber Line where the current expression is defined.
 * @param external Set to <tt>true</tt> if this expression is
 * compiled in a separate module.
 */
public Symbol parse(String expression, int lineNumber) throws Exception {
    try {
        _expression = expression;
        _lineNumber = lineNumber;
        return super.parse();
    }
    catch (IllegalCharException e) {
        ErrorMsg err = new ErrorMsg(ErrorMsg.ILLEGAL_CHAR_ERR,
            lineNumber, e.getMessage());
        _parser.reportError(Constants.FATAL, err);
    }
    return null;
}

/**
 * Lookup a variable or parameter in the symbol table given its name.
 *
 * @param name Name of the symbol being looked up.
 */
final SyntaxTreeNode lookupName(QName name) {
    // Is it a local var or param ?
    final SyntaxTreeNode result = _parser.lookupVariable(name);
    if (result != null)
        return(result);
    else
        return(_symbolTable.lookupName(name));
}

public final void addError(ErrorMsg error) {
    _parser.reportError(Constants.ERROR, error);
}

public void report_error(String message, Object info) {
    final ErrorMsg err = new ErrorMsg(ErrorMsg.SYNTAX_ERR, _lineNumber,

```

```

        _expression);
    _parser.reportError(Constants.FATAL, err);
}

public void report_fatal_error(String message, Object info) {
    // empty
}

public RelativeLocationPath insertStep(Step step, RelativeLocationPath rlp) {
    if (rlp instanceof Step) {
        return new ParentLocationPath(step, (Step) rlp);
    }
    else if (rlp instanceof ParentLocationPath) {
        final ParentLocationPath plp = (ParentLocationPath) rlp;
        final RelativeLocationPath newrlp = insertStep(step, plp.getPath());
        return new ParentLocationPath(newrlp, plp.getStep());
    }
    else {
        addError(new ErrorMsg(ErrorMsg.INTERNAL_ERR, "XPathParser.insertStep"));
        return rlp;
    }
}

/**
 * Returns true if the axis applies to elements only. The axes
 * child, attribute, namespace, descendant result in non-empty
 * nodesets only if the context node is of type element.
 */
public boolean isElementAxis(int axis) {
    return (axis == Axis.CHILD || axis == Axis.ATTRIBUTE ||
        axis == Axis.NAMESPACE || axis == Axis.DESCENDANT);
}
:}

```

```

terminal SLASH, DOT, LBRACK, RBRACK, VBAR, LPAREN, RPAREN, STAR, COMMA;
terminal DOLLAR, ATSIGN;
terminal DDOT, DCOLON, DSLASH;
terminal EQ, NE;
terminal LT, GT, LE, GE;
terminal PLUS, MINUS, DIV, MOD, MULT;
terminal String Literal;
terminal String QNAME;
terminal ID, KEY, TEXT, NODE, OR, AND, COMMENT, PI, PIPARAM, PRECEDINGSIBLING;
terminal SELF, PARENT, CHILD, ATTRIBUTE, ANCESTOR, ANCESTORORSELF, DESCENDANT;
terminal DESCENDANTORSELF, FOLLOWING, FOLLOWINGSIBLING, NAMESPACE, PRECEDING;
terminal Double REAL;
terminal Long INT;
terminal PATTERN, EXPRESSION;

```

non terminal SyntaxTreeNode TopLevel;

non terminal Expression Expr, Argument, LocationPath;

non terminal Expression Predicate, FilterExpr, Step;

non terminal Expression OrExpr, AndExpr, EqualityExpr;

non terminal Expression RelationalExpr, AdditiveExpr;

non terminal Expression MultiplicativeExpr, UnaryExpr;

non terminal Expression VariableReference, FunctionCall;

non terminal Expression PrimaryExpr, UnionExpr, PathExpr, AbbreviatedStep;

non terminal Expression RelativeLocationPath, AbbreviatedRelativeLocationPath;

non terminal Expression AbsoluteLocationPath, AbbreviatedAbsoluteLocationPath;

non terminal Object NodeTest, NameTest;

non terminal IdKeyPattern IdKeyPattern;

non terminal Pattern Pattern;

non terminal Pattern LocationPathPattern;

non terminal StepPattern ProcessingInstructionPattern;

non terminal RelativePathPattern RelativePathPattern;

non terminal StepPattern StepPattern;

non terminal Object NodeTestPattern, NameTestPattern;

non terminal Vector Predicates, NonemptyArgumentList;

non terminal QName QName, FunctionName, VariableName;

non terminal Integer AxisName, AxisSpecifier;

non terminal Integer ChildOrAttributeAxisSpecifier;

precedence left VBAR;

precedence left OR;

precedence left AND;

precedence nonassoc EQ, NE;

precedence left LT, GT, LE, GE;

precedence left PLUS, MINUS;

precedence left DIV, MOD, MULT;

precedence left DOLLAR;

precedence left ATSIGN;

precedence right DCOLON;

start with TopLevel;

TopLevel ::= PATTERN Pattern:pattern

{ : RESULT = pattern; ; }

| EXPRESSION Expr:expr

{ : RESULT = expr; ; };

/\* ----- Patterns ----- \*/

Pattern ::= LocationPathPattern:lpp

{ : RESULT = lpp; : }

| LocationPathPattern:lpp VBAR Pattern:p

{ : RESULT = new AlternativePattern(lpp, p); : };

LocationPathPattern ::= SLASH

{ : RESULT = new AbsolutePathPattern(null); : }

| SLASH RelativePathPattern:rpp

{ : RESULT = new AbsolutePathPattern(rpp); : }

| IdKeyPattern:ikp

{ : RESULT = ikp; : }

| IdKeyPattern:ikp SLASH RelativePathPattern:rpp

{ : RESULT = new ParentPattern(ikp, rpp); : }

| IdKeyPattern:ikp DSLASH RelativePathPattern:rpp

{ : RESULT = new AncestorPattern(ikp, rpp); : }

| DSLASH RelativePathPattern:rpp

{ : RESULT = new AncestorPattern(rpp); : }

| RelativePathPattern:rpp

{ : RESULT = rpp; : };

IdKeyPattern ::= ID LPAREN Literal:l RPAREN

{ : RESULT = new IdPattern(l);

parser.setHasIdCall(true);

: }

| KEY LPAREN Literal:l1 COMMA Literal:l2 RPAREN

{ : RESULT = new KeyPattern(l1, l2); : };

ProcessingInstructionPattern ::= PIPARAM LPAREN Literal:l RPAREN

{ : RESULT = new ProcessingInstructionPattern(l); : };

RelativePathPattern ::= StepPattern:sp

{ : RESULT = sp; : }

| StepPattern:sp SLASH RelativePathPattern:rpp

{ : RESULT = new ParentPattern(sp, rpp); : }

| StepPattern:sp DSLASH RelativePathPattern:rpp

{ : RESULT = new AncestorPattern(sp, rpp); : };

```

StepPattern ::= NodeTestPattern:nt
    { :
    RESULT = parser.createStepPattern(Axis.CHILD, nt, null);
    :}

    | NodeTestPattern:nt Predicates:pp
    { :
    RESULT = parser.createStepPattern(Axis.CHILD, nt, pp);
    :}

    | ProcessingInstructionPattern:pip
    { : RESULT = pip; :}

| ProcessingInstructionPattern:pip Predicates:pp
    { : RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp); :}

    | ChildOrAttributeAxisSpecifier:axis NodeTestPattern:nt
    { :
    RESULT = parser.createStepPattern(axis.intValue(), nt, null);
    :}

| ChildOrAttributeAxisSpecifier:axis
NodeTestPattern:nt Predicates:pp
    { :
    RESULT = parser.createStepPattern(axis.intValue(), nt, pp);
    :}

    | ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
    { :
    RESULT = pip; // TODO: report error if axis is attribute
    :}

| ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
Predicates:pp
    { :
    // TODO: report error if axis is attribute
    RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp);
    :};

NodeTestPattern ::= NameTestPattern:nt
    { : RESULT = nt; :}

    | NODE
    { : RESULT = new Integer(NodeTest.ANODE); :}

    | TEXT
    { : RESULT = new Integer(NodeTest.TEXT); :}

```

```

    | COMMENT
    { : RESULT = new Integer(NodeTest.COMMENT); : }

    | PI
    { : RESULT = new Integer(NodeTest.PI); : };

NameTestPattern ::= STAR
    { : RESULT = null; : }

    | QName:qn
    { : RESULT = qn; : };

ChildOrAttributeAxisSpecifier ::= ATSIGN
    { : RESULT = new Integer(Axis.ATTRIBUTE); : }

    | CHILD DCOLON
    { : RESULT = new Integer(Axis.CHILD); : }

    | ATTRIBUTE DCOLON
    { : RESULT = new Integer(Axis.ATTRIBUTE); : };

Predicates ::= Predicate:p
    { :
    Vector temp = new Vector();
    temp.addElement(p);
    RESULT = temp;
    : }

    | Predicate:p Predicates:pp
    { : pp.insertElementAt(p, 0); RESULT = pp; : };

Predicate ::= LBRACK Expr:e RBRACK
    { :
    RESULT = new Predicate(e);
    : };

/* ----- Expressions ----- */

Expr ::= OrExpr:ex
    { : RESULT = ex; : };

OrExpr ::= AndExpr:ae
    { : RESULT = ae; : }

    | OrExpr:oe OR AndExpr:ae
    { : RESULT = new LogicalExpr(LogicalExpr.OR, oe, ae); : };

```

```

AndExpr ::= EqualityExpr:e
    {: RESULT = e; :}

    | AndExpr:ae AND EqualityExpr:ee
    {: RESULT = new LogicalExpr(LogicalExpr.AND, ae, ee); :};

EqualityExpr ::= RelationalExpr:re
    {: RESULT = re; :}

    | EqualityExpr:ee EQ RelationalExpr:re
    {: RESULT = new EqualityExpr(Operators.EQ, ee, re); :}

    | EqualityExpr:ee NE RelationalExpr:re
    {: RESULT = new EqualityExpr(Operators.NE, ee, re); :};

RelationalExpr ::= AdditiveExpr:ae
    {: RESULT = ae; :}

    | RelationalExpr:re LT AdditiveExpr:ae
    {: RESULT = new RelationalExpr(Operators.LT, re, ae); :}

    | RelationalExpr:re GT AdditiveExpr:ae
    {: RESULT = new RelationalExpr(Operators.GT, re, ae); :}

    | RelationalExpr:re LE AdditiveExpr:ae
    {: RESULT = new RelationalExpr(Operators.LE, re, ae); :}

    | RelationalExpr:re GE AdditiveExpr:ae
    {: RESULT = new RelationalExpr(Operators.GE, re, ae); :};

AdditiveExpr ::= MultiplicativeExpr:me
    {: RESULT = me; :}

    | AdditiveExpr:ae PLUS MultiplicativeExpr:me
    {: RESULT = new BinOpExpr(BinOpExpr.PLUS, ae, me); :}

    | AdditiveExpr:ae MINUS MultiplicativeExpr:me
    {: RESULT = new BinOpExpr(BinOpExpr.MINUS, ae, me); :};

MultiplicativeExpr ::= UnaryExpr:ue
    {: RESULT = ue; :}

    | MultiplicativeExpr:me MULT UnaryExpr:ue
    {: RESULT = new BinOpExpr(BinOpExpr.TIMES, me, ue); :}

    | MultiplicativeExpr:me DIV UnaryExpr:ue
    {: RESULT = new BinOpExpr(BinOpExpr.DIV, me, ue); :}

```

```

| MultiplicativeExpr:me MOD UnaryExpr:ue
{: RESULT = new BinOpExpr(BinOpExpr.MOD, me, ue); :};

UnaryExpr ::= UnionExpr:ue
{: RESULT = ue; :}

| MINUS UnaryExpr:ue
{: RESULT = new UnaryOpExpr(ue); :};

UnionExpr ::= PathExpr:pe
{: RESULT = pe; :}

| PathExpr:pe VBAR UnionExpr:rest
{: RESULT = new UnionPathExpr(pe, rest); :};

PathExpr ::= LocationPath:lp
{: RESULT = lp; :}

| FilterExpr:fexp
{: RESULT = fexp; :}

| FilterExpr:fexp SLASH RelativeLocationPath:rlp
{: RESULT = new FilterParentPath(fexp, rlp); :}

| FilterExpr:fexp DSLASH RelativeLocationPath:rlp
{:
//
// Expand '/' into '/descendant-or-self::node()' or
// into '/descendant-or-self::*/'
//
int nodeType = DOM.NO_TYPE;
if (rlp instanceof Step &&
    parser.isElementAxis(((Step) rlp).getAxis()))
{
    nodeType = DTM.ELEMENT_NODE;
}
    final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
    FilterParentPath fpp = new FilterParentPath(fexp, step);
    fpp = new FilterParentPath(fpp, rlp);
    if (fexp instanceof KeyCall == false) {
        fpp.setDescendantAxis();
    }
    RESULT = fpp;
:};

LocationPath ::= RelativeLocationPath:rlp
{: RESULT = rlp; :}

```



```
| AbsoluteLocationPath:alp
{: RESULT = alp; :};
```

```
RelativeLocationPath ::= Step:step
{: RESULT = step; :}
```

```
| RelativeLocationPath:rlp SLASH Step:step
{:
if (rlp instanceof Step && ((Step) rlp).isAbbreviatedDot()) {
    RESULT = step;    // Remove '.' from the middle
}
else if (((Step) step).isAbbreviatedDot()) {
    RESULT = rlp;    // Remove '.' from the end
}
else {
    RESULT =
        new ParentLocationPath((RelativeLocationPath) rlp, step);
}
:}
```

```
| AbbreviatedRelativeLocationPath:arlp
{: RESULT = arlp; :};
```

```
AbsoluteLocationPath ::= SLASH
{: RESULT = new AbsoluteLocationPath(); :}
```

```
| SLASH RelativeLocationPath:rlp
{: RESULT = new AbsoluteLocationPath(rlp); :}
```

```
| AbbreviatedAbsoluteLocationPath:aalp
{: RESULT = aalp; :};
```

```
AbbreviatedRelativeLocationPath ::= RelativeLocationPath:rlp DSLASH Step:step
{:
```

```
final Step right = (Step)step;
final int axis = right.getAxis();
final int type = right.getNodeType();
final Vector predicates = right.getPredicates();

if ((axis == Axis.CHILD) && (type != NodeTest.ATTRIBUTE)) {
    // Compress './child:E' into 'descendant::E' - if possible
    if (predicates == null) {
        right.setAxis(Axis.DESCENDANT);
        if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
            RESULT = right;
        }
    }
    else {
        // Expand 'rlp//child::E' into 'rlp/descendant::E'
```

```

        RelativeLocationPath left = (RelativeLocationPath)rlp;
        RESULT = new ParentLocationPath(left, right);
    }
}
else {
    // Expand './step' -> 'descendant-or-self::*step'
    if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
        Step left = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
        RESULT = new ParentLocationPath(left, right);
    }
    else {
        // Expand 'rlp/step' -> 'rlp/descendant-or-self::*step'
        RelativeLocationPath left = (RelativeLocationPath)rlp;
        Step mid = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
        ParentLocationPath ppl = new ParentLocationPath(mid, right);
        RESULT = new ParentLocationPath(left, ppl);
    }
}
}
else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
    // Expand 'rlp/step' -> 'rlp/descendant-or-self::*step'
    RelativeLocationPath left = (RelativeLocationPath)rlp;
    Step middle = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
    ParentLocationPath ppl = new ParentLocationPath(middle, right);
    RESULT = new ParentLocationPath(left, ppl);
}
else {
    // Expand 'rlp/step' -> 'rlp/descendant-or-self::node()/step'
    RelativeLocationPath left = (RelativeLocationPath)rlp;
    Step middle = new Step(Axis.DESCENDANTORSELF,
DOM.NO_TYPE, null);
    ParentLocationPath ppl = new ParentLocationPath(middle, right);
    RESULT = new ParentLocationPath(left, ppl);
}
};

```

AbbreviatedAbsolutePath ::= DSLASH RelativeLocationPath:rlp

```

{:
    //
    // Expand '/' into '/descendant-or-self::node()' or
    // into '/descendant-or-self::*/'
    //
    int nodeType = DOM.NO_TYPE;
    if (rlp instanceof Step &&

```

```

    parser.isElementAxis(((Step) rlp).getAxis()))
  {
    nodeType = DTM.ELEMENT_NODE;
  }
  final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
  RESULT = new AbsoluteLocationPath(parser.insertStep(step,
(RelativeLocationPath) rlp));
:};

```

Step ::= NodeTest:ntest

```

{:
  if (ntest instanceof Step) {
    RESULT = (Step)ntest;
  }
  else {
RESULT = new Step(Axis.CHILD,
    parser.findNodeType(Axis.CHILD, ntest),
    null);
  }
:}

```

| NodeTest:ntest Predicates:pp

```

{:
  if (ntest instanceof Step) {
    Step step = (Step)ntest;
    step.addPredicates(pp);
    RESULT = (Step)ntest;
  }
  else {
    RESULT = new Step(Axis.CHILD,
    parser.findNodeType(Axis.CHILD, ntest), pp);
  }
:}

```

| AxisSpecifier:axis NodeTest:ntest Predicates:pp

```

{: RESULT = new Step(axis.intValue(),
    parser.findNodeType(axis.intValue(), ntest),
    pp);
:}

```

| AxisSpecifier:axis NodeTest:ntest

```

{: RESULT = new Step(axis.intValue(),
    parser.findNodeType(axis.intValue(), ntest),
    null);
:}

```

| AbbreviatedStep:abbrev

```

{: RESULT = abbrev; :};

```

AxisSpecifier ::= AxisName:an DCOLON

{: RESULT = an; ;}

| ATSIGN

{: RESULT = new Integer(Axis.ATTRIBUTE); ;}

AxisName ::= ANCESTOR

{: RESULT = new Integer(Axis.ANCESTOR); ;}

| ANCESTORORSELF

{: RESULT = new Integer(Axis.ANCESTORORSELF); ;}

| ATTRIBUTE

{: RESULT = new Integer(Axis.ATTRIBUTE); ;}

| CHILD

{: RESULT = new Integer(Axis.CHILD); ;}

| DESCENDANT

{: RESULT = new Integer(Axis.DESCENDANT); ;}

| DESCENDANTORSELF

{: RESULT = new Integer(Axis.DESCENDANTORSELF); ;}

| FOLLOWING

{: RESULT = new Integer(Axis.FOLLOWING); ;}

| FOLLOWINGSIBLING

{: RESULT = new Integer(Axis.FOLLOWINGSIBLING); ;}

| NAMESPACE

{: RESULT = new Integer(Axis.NAMESPACE); ;}

| PARENT

{: RESULT = new Integer(Axis.PARENT); ;}

| PRECEDING

{: RESULT = new Integer(Axis.PRECEDING); ;}

| PRECEDINGSIBLING

{: RESULT = new Integer(Axis.PRECEDINGSIBLING); ;}

| SELF

{: RESULT = new Integer(Axis.SELF); ;}

AbbreviatedStep ::= DOT

{: RESULT = new Step(Axis.SELF, NodeTest.ANODE, null); ;}

```

| DDOT
{: RESULT = new Step(Axis.PARENT, NodeTest.ANODE, null); :};

FilterExpr ::= PrimaryExpr:primary
{: RESULT = primary; :}

| PrimaryExpr:primary Predicates:pp
{: RESULT = new FilterExpr(primary, pp); :};

PrimaryExpr ::= VariableReference:vr
{: RESULT = vr; :}

| LPAREN Expr:ex RPAREN
{: RESULT = ex; :}

| Literal:string
{:
/*
* If the string appears to have the syntax of a QName, store
* namespace info in the literal expression. This is used for
* element-available and function-available functions, among
* others. Also, the default namespace must be ignored.
*/
String namespace = null;
final int index = string.lastIndexOf(':');

if (index > 0) {
    final String prefix = string.substring(0, index);
    namespace = parser._symbolTable.lookupNamespace(prefix);
}
RESULT = (namespace == null) ? new LiteralExpr(string)
: new LiteralExpr(string, namespace);
:}

| INT:num
{:
long value = num.longValue();
if (value < Integer.MIN_VALUE || value > Integer.MAX_VALUE) {
RESULT = new RealExpr(value);
}
else {
    if (num.doubleValue() == -0)
        RESULT = new RealExpr(num.doubleValue());
    else if (num.intValue() == 0)
        RESULT = new IntExpr(num.intValue());
    else if (num.doubleValue() == 0.0)
        RESULT = new RealExpr(num.doubleValue());
}
}

```

```

        else
            RESULT = new IntExpr(num.intValue());
    }
    :}

    | REAL:num
    {: RESULT = new RealExpr(num.doubleValue()); :}

    | FunctionCall:fc
    {: RESULT = fc; :};

```

VariableReference ::= DOLLAR VariableName:varName

```

{:
    // An empty QName prefix for a variable or parameter reference
    // should map to the null namespace and not the default URI.
    SyntaxTreeNode node = parser.lookupName(varName);

    if (node != null) {
        if (node instanceof Variable) {
            RESULT = new VariableRef((Variable)node);
        }
        else if (node instanceof Param) {
            RESULT = new ParameterRef((Param)node);
        }
        else {
            RESULT = new UnresolvedRef(varName);
        }
    }

    if (node == null) {
        RESULT = new UnresolvedRef(varName);
    }
    :};

```

FunctionCall ::= FunctionName:fname LPAREN RPAREN

```

{:
    if (parser.getQNameIgnoreDefaultNs("current").equals(fname)) {
        RESULT = new CurrentCall(fname);
    }
    else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
        RESULT = new NumberCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
        RESULT = new StringCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
        RESULT = new ConcatCall(fname, parser.EmptyArgs);
    }
}

```

```

}
else if (parser.getQNameIgnoreDefaultNs("true").equals(fname)) {
    RESULT = new BooleanExpr(true);
}
else if (parser.getQNameIgnoreDefaultNs("false").equals(fname)) {
    RESULT = new BooleanExpr(false);
}
else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
    RESULT = new NameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
    RESULT = new GenerateIdCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
    RESULT = new StringLengthCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("position").equals(fname)) {
    RESULT = new PositionCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("last").equals(fname)) {
    RESULT = new LastCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname);
}
else {
    RESULT = new FunctionCall(fname, parser.EmptyArgs);
}
:}

| FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN
{:
if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
    RESULT = new ConcatCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
    RESULT = new NumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("document").equals(fname)) {
parser.setMultiDocument(true);
    RESULT = new DocumentCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
    RESULT = new StringCall(fname, argl);
}
}

```

```

else if (parser.getQNameIgnoreDefaultNs("boolean").equals(fname)) {
    RESULT = new BooleanCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
    RESULT = new NameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
    RESULT = new GenerateIdCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("not").equals(fname)) {
    RESULT = new NotCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("format-number").equals(fname)) {
    RESULT = new FormatNumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("unparsed-entity-uri").equals(fname)) {
    RESULT = new UnparsedEntityUriCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("key").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("id").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
    parser.setHasIdCall(true);
}
else if (parser.getQNameIgnoreDefaultNs("ceiling").equals(fname)) {
    RESULT = new CeilingCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("round").equals(fname)) {
    RESULT = new RoundCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("floor").equals(fname)) {
    RESULT = new FloorCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("contains").equals(fname)) {
    RESULT = new ContainsCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
    RESULT = new StringLengthCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("starts-with").equals(fname)) {
    RESULT = new StartsWithCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("function-available").equals(fname)) {
    RESULT = new FunctionAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("element-available").equals(fname)) {
    RESULT = new ElementAvailableCall(fname, argl);
}

```



```

}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("lang").equals(fname)) {
    RESULT = new LangCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname, argl);
}
else if (parser.getQName(Constants.TRANSLET_URI, "xslt", "cast").equals(fname)) {
    RESULT = new CastCall(fname, argl);
}
// Special case for extension function nodeset()
else if (fname.getLocalPart().equals("nodeset") || fname.getLocalPart().equals("node-set")) {
    parser.setCallsNodeset(true); // implies MultiDOM
    RESULT = new FunctionCall(fname, argl);
}
else {
    RESULT = new FunctionCall(fname, argl);
}
:};

```

NonemptyArgumentList ::= Argument:arg

```

{:
    Vector temp = new Vector();
    temp.addElement(arg);
    RESULT = temp;
:}

```

```

| Argument:arg COMMA NonemptyArgumentList:argl
{: argl.insertElementAt(arg, 0); RESULT = argl; :};

```

FunctionName ::= QName:fname

```

{:
    RESULT = fname;
:};

```

VariableName ::= QName:vname

```

{:
    RESULT = vname;
:};

```

Argument ::= Expr:ex

```

{: RESULT = ex; :};

```

NodeTest ::= NameTest:nt

```

{: RESULT = nt; :}

```

```

| NODE
{: RESULT = new Integer(NodeTest.ANODE); :}

| TEXT
{: RESULT = new Integer(NodeTest.TEXT); :}

| COMMENT
{: RESULT = new Integer(NodeTest.COMMENT); :}

| PIPARAM LPAREN Literal:l RPAREN
{:
  QName name = parser.getQNameIgnoreDefaultNs("name");
  Expression exp = new EqualityExpr(Operators.EQ,
    new NameCall(name),
    new LiteralExpr(l));
  Vector predicates = new Vector();
  predicates.addElement(new Predicate(exp));
  RESULT = new Step(Axis.CHILD, NodeTest.PI, predicates);
:}

| PI
{: RESULT = new Integer(NodeTest.PI); :};

NameTest ::= STAR
  {: RESULT = null; :}

  | QName:qn
  {: RESULT = qn; :};

QName ::= QNAME:qname
  {: RESULT = parser.getQNameIgnoreDefaultNs(qname); :}

| DIV
{: RESULT = parser.getQNameIgnoreDefaultNs("div"); :}

| MOD
{: RESULT = parser.getQNameIgnoreDefaultNs("mod"); :}

| KEY
{: RESULT = parser.getQNameIgnoreDefaultNs("key"); :}

| ANCESTOR
{: RESULT = parser.getQNameIgnoreDefaultNs("child"); :}

| ANCESTORORSELF
{: RESULT = parser.getQNameIgnoreDefaultNs("ancestor-or-self"); :}

```

| ATTRIBUTE  
 {: RESULT = parser.getQNameIgnoreDefaultNs("attribute"); :}

| CHILD  
 {: RESULT = parser.getQNameIgnoreDefaultNs("child"); :}

| DESCENDANT  
 {: RESULT = parser.getQNameIgnoreDefaultNs("decendant"); :}

| DESCENDANTORSELF  
 {: RESULT = parser.getQNameIgnoreDefaultNs("decendant-or-self"); :}

| FOLLOWING  
 {: RESULT = parser.getQNameIgnoreDefaultNs("following"); :}

| FOLLOWINGSIBLING  
 {: RESULT = parser.getQNameIgnoreDefaultNs("following-sibling"); :}

| NAMESPACE  
 {: RESULT = parser.getQNameIgnoreDefaultNs("namespace"); :}

| PARENT  
 {: RESULT = parser.getQNameIgnoreDefaultNs("parent"); :}

| PRECEDING  
 {: RESULT = parser.getQNameIgnoreDefaultNs("preceding"); :}

| PRECEDINGSIBLING  
 {: RESULT = parser.getQNameIgnoreDefaultNs("preceding-sibling"); :}

| SELF  
 {: RESULT = parser.getQNameIgnoreDefaultNs("self"); :}

| ID  
 {: RESULT = parser.getQNameIgnoreDefaultNs("id"); :};

Found in path(s):

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/xpath.cup

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* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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* limitations under the License.
*/
/**
* Execute the proprietary document-location() function, which returns
* a node set of documents.
* @xsl.usage advanced
*/
```

Found in path(s):

```
*/opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xpath/functions/FuncDoclocation.java
```

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* limitations under the License.
```

```
*/
/*
* $Id: Version.src 468654 2006-10-28 07:09:23Z minchau $
*/
```

```
package org.apache.xml.serializer;
```

```
/**
* Administrative class to keep track of the version number of
* the Serializer release.
* <P>This class implements the upcoming standard of having
* org.apache.project-name.Version.getVersion() be a standard way
```

```

* to get version information.</P>
* @xsl.usage general
*/
public final class Version
{

/**
 * Get the basic version string for the current Serializer.
 * Version String formatted like
 * <CODE>"<B>Serializer</B> <B>Java</B> v.r[.dd| <B>D</B>nn]"</CODE>.
 *
 * Futurework: have this read version info from jar manifest.
 *
 * @return String denoting our current version
 */
public static String getVersion()
{
    return getProduct()+" "+getImplementationLanguage()+" "
        +getMajorVersionNum()+"."+getReleaseVersionNum()+"."
        +( (getDevelopmentVersionNum() > 0) ?
            ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum()));
}

/**
 * Print the processor version to the command line.
 *
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
    System.out.println(getVersion());
}

/**
 * Name of product: Serializer.
 */
public static String getProduct()
{
    return "Serializer";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
    return "Java";
}

```

```
/**
 * Major version number.
 * Version number. This changes only when there is a
 *   significant, externally apparent enhancement from
 *   the previous release. 'n' represents the n'th
 *   version.
 *
 *   Clients should carefully consider the implications
 *   of new versions as external interfaces and behaviour
 *   may have changed.
 */
```

```
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}
```

```
/**
 * Release Number.
 * Release number. This changes when:
 *   - a new set of functionality is to be added, eg,
 *     implementation of a new W3C specification.
 *   - API or behaviour change.
 *   - its designated as a reference release.
 */
```

```
public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}
```

```
/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 *   drop applied to a specific release and contains
 *   fixes for defects reported. It maintains compatibility
 *   with the release and contains no API changes.
 *   When missing, it designates the final and complete
 *   development drop for a release.
 */
```

```
public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}
```

```
/**
 * Development Drop Number.
```

\* Optional identifier designates development drop of  
 \* a specific release. D01 is the first development drop  
 \* of a new release.  
 \*  
 \* Development drops are works in progress towards a  
 \* completed, final release. A specific development drop  
 \* may not completely implement all aspects of a new  
 \* feature, which may take several development drops to  
 \* complete. At the point of the final drop for the  
 \* release, the D suffix will be omitted.  
 \*  
 \* Each 'D' drops can contain functional enhancements as  
 \* well as defect fixes. 'D' drops may not be as stable as  
 \* the final releases.  
 \*/

```
public static int getDevelopmentVersionNum()
{
  try {
    if ((new String("@version.DEVELOPER@")).length() == 0)
      return 0;
    else
      return Integer.parseInt("@version.DEVELOPER@");
  } catch (NumberFormatException nfe) {
    return 0;
  }
}
```

Found in path(s):

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.src

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```

```

*/
/*
* $Id: Version.src 1225426 2011-12-29 04:13:08Z mrglavas $
*/
package org.apache.xalan;

/**
* Administrative class to keep track of the version number of
* the Xalan release.
* <P>This class implements the upcoming standard of having
* org.apache.project-name.Version.getVersion() be a standard way
* to get version information. This class will replace the older
* org.apache.xalan.processor.Version class.</P>
* <P>See also: org/apache/xalan/res/XSLTInfo.properties for
* information about the version of the XSLT spec we support.</P>
* @xsl.usage general
*/
public class Version
{

/**
* Get the basic version string for the current Xalan release.
* Version String formatted like
* <CODE>"<B>Xalan</B> <B>Java</B> v.r[.dd| <B>D</B>nn]"</CODE>.
*
* Futurework: have this read version info from jar manifest.
*
* @return String denoting our current version
*/
public static String getVersion()
{
    return getProduct()+" "+getImplementationLanguage()+" "
        +getMajorVersionNum()+". "+getReleaseVersionNum()+". "
        +(getDevelopmentVersionNum() > 0) ?
            ("D"+getDevelopmentVersionNum()) : (" "+getMaintenanceVersionNum());
}

/**
* Print the processor version to the command line.
*
* @param argv command line arguments, unused.
*/
public static void main(String argv[])
{
    System.out.println(getVersion());
}

/**

```



```

* Name of product: Xalan.
*/
public static String getProduct()
{
    return "Xalan";
}

/**
* Implementation Language: Java.
*/
public static String getImplementationLanguage()
{
    return "Java";
}

/**
* Major version number.
* Version number. This changes only when there is a
*     significant, externally apparent enhancement from
*     the previous release. 'n' represents the n'th
*     version.
*
*     Clients should carefully consider the implications
*     of new versions as external interfaces and behaviour
*     may have changed.
*/
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
* Release Number.
* Release number. This changes when:
*     - a new set of functionality is to be added, eg,
*       implementation of a new W3C specification.
*     - API or behaviour change.
*     - its designated as a reference release.
*/
public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

/**
* Maintenance Drop Number.

```

```
* Optional identifier used to designate maintenance
* drop applied to a specific release and contains
* fixes for defects reported. It maintains compatibility
* with the release and contains no API changes.
* When missing, it designates the final and complete
* development drop for a release.
```

```
*/
```

```
public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}
```

```
/**
```

```
* Development Drop Number.
* Optional identifier designates development drop of
* a specific release. D01 is the first development drop
* of a new release.
*
* Development drops are works in progress towards a
* completed, final release. A specific development drop
* may not completely implement all aspects of a new
* feature, which may take several development drops to
* complete. At the point of the final drop for the
* release, the D suffix will be omitted.
*
* Each 'D' drops can contain functional enhancements as
* well as defect fixes. 'D' drops may not be as stable as
* the final releases.
```

```
*/
```

```
public static int getDevelopmentVersionNum()
{
    try {
        if ((new String("@version.DEVELOPER@")).length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}
}
```

Found in path(s):

\* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.src  
No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright (c) 2002 World Wide Web Consortium,
```

\* (Massachusetts Institute of Technology, Institut National de  
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\* Rights Reserved. This program is distributed under the W3C's Software  
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\*/

Found in path(s):

\*/opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/domapi/XPathStylesheetDOM3Exception.java  
No license file was found, but licenses were detected in source scan.

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\* limitations under the License.  
\*/  
/\*  
\* \$Id: xpath.lex 1225752 2011-12-30 04:12:46Z mrglavas \$  
\*/

/\*  
\* @author Jacek Ambroziak  
\* @author Santiago Pericas-Geertsen  
\* @author Morten Jorgensen  
\*  
\*/

package org.apache.xalan.xsltc.compiler;

import java\_cup.runtime.Symbol;  
%%  
%cup  
%unicode

```

%class XPathLexer
%yyeof

%{
    int last;

    void initialize() {
        last = -1;
    }

    static boolean isWhitespace(int c) {
        return (c == ' ' || c == '\t' || c == '\r' || c == '\n' || c == '\f');
    }

    /**
     * If symbol is not followed by ':' or '(', then treat it as a
     * name instead of an axis or function (Jira-1912).
     */
    Symbol disambiguateAxisOrFunction(int ss) throws Exception {
        // Peek in the input buffer without changing the internal state
        int index = yy_buffer_index;

        // Skip whitespace
        while (index < yy_buffer_read && isWhitespace(yy_buffer[index])) {
            index++;
        }

        // If end of buffer, can't disambiguate :(
        if (index >= yy_buffer_read) {
            // Can't disambiguate, so return as symbol
            return new Symbol(ss);
        }

        // Return symbol if next token is ':' or '('
        return (yy_buffer[index] == ':' && yy_buffer[index+1] == ':' ||
                yy_buffer[index] == '(') ?
            newSymbol(ss) : newSymbol(sym.QNAME, yytext());
    }

    /**
     * If symbol is first token or if it follows any of the operators
     * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
     * name instead of a keyword (Jira-1912).
     */
    Symbol disambiguateOperator(int ss) throws Exception {
        switch (last) {
            case -1: // first token
            case sym.ATSIGN:

```

```

case sym.DCOLON:
case sym.LPAREN:
case sym.LBRACK:
case sym.COMMA:
case sym.AND:
case sym.OR:
case sym.MOD:
case sym.DIV:
case sym.MULT:
case sym.SLASH:
case sym.DSLASH:
case sym.VBAR:
case sym.PLUS:
case sym.MINUS:
case sym.EQ:
case sym.NE:
case sym.LT:
case sym.LE:
case sym.GT:
case sym.GE:
    return newSymbol(sym.QNAME, yytext());
}
return newSymbol(ss);
}

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * wildcard instead of a multiplication operator
 */
Symbol disambiguateStar() throws Exception {
    switch (last) {
    case -1: // first token
    case sym.ATSIGN:
    case sym.DCOLON:
    case sym.LPAREN:
    case sym.LBRACK:
    case sym.COMMA:
    case sym.AND:
    case sym.OR:
    case sym.MOD:
    case sym.DIV:
    case sym.MULT:
    case sym.SLASH:
    case sym.DSLASH:
    case sym.VBAR:
    case sym.PLUS:
    case sym.MINUS:

```

```

case sym.EQ:
case sym.NE:
case sym.LT:
case sym.LE:
case sym.GT:
case sym.GE:
    return newSymbol(sym.STAR);
}
return newSymbol(sym.MULT);
}

Symbol newSymbol(int ss) {
    last = ss;
    return new Symbol(ss);
}

Symbol newSymbol(int ss, String value) {
    last = ss;
    return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Long value) {
    last = ss;
    return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Double value) {
    last = ss;
    return new Symbol(ss, value);
}
% }

%eofval{
return newSymbol(sym.EOF);
%eofval}

%yylexthrow{
Exception
%yylexthrow}

Letter={BaseChar}|{Ideographic}

BaseChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u00FF\u0100-\u0131\u0134-
\u013E\u0141-\u0148\u014A-\u017E\u0180-\u01C3\u01CD-\u01F0\u01F4-\u01F5\u01FA-\u0217\u0250-
\u02A8\u02BB-\u02C1\u0386\u0388-\u038A\u038C\u038E-\u03A1\u03A3-\u03CE\u03D0-
\u03D6\u03DA\u03DC\u03DE\u03E0\u03E2-\u03F3\u0401-\u040C\u040E-\u044F\u0451-\u045C\u045E-
\u0481\u0490-\u04C4\u04C7-\u04C8\u04CB-\u04CC\u04D0-\u04EB\u04EE-\u04F5\u04F8-\u04F9\u0531-
\u0556\u0559\u0561-\u0586\u05D0-\u05EA\u05F0-\u05F2\u0621-\u063A\u0641-\u064A\u0671-\u06B7\u06BA-

```

\u06BE\u06C0-\u06CE\u06D0-\u06D3\u06D5\u06E5-\u06E6\u0905-\u0939\u093D\u0958-\u0961\u0985-\u098C\u098F-\u0990\u0993-\u09A8\u09AA-\u09B0\u09B2\u09B6-\u09B9\u09DC-\u09DD\u09DF-\u09E1\u09F0-\u09F1\u0A05-\u0A0A\u0A0F-\u0A10\u0A13-\u0A28\u0A2A-\u0A30\u0A32-\u0A33\u0A35-\u0A36\u0A38-\u0A39\u0A59-\u0A5C\u0A5E\u0A72-\u0A74\u0A85-\u0A8B\u0A8D\u0A8F-\u0A91\u0A93-\u0AA8\u0AAA-\u0AB0\u0AB2-\u0AB3\u0AB5-\u0AB9\u0ABD\u0AE0\u0B05-\u0B0C\u0B0F-\u0B10\u0B13-\u0B28\u0B2A-\u0B30\u0B32-\u0B33\u0B36-\u0B39\u0B3D\u0B5C-\u0B5D\u0B5F-\u0B61\u0B85-\u0B8A\u0B8E-\u0B90\u0B92-\u0B95\u0B99-\u0B9A\u0B9C\u0B9E-\u0B9F\u0BA3-\u0BA4\u0BA8-\u0BAA\u0BAE-\u0BB5\u0BB7-\u0BB9\u0C05-\u0C0C\u0C0E-\u0C10\u0C12-\u0C28\u0C2A-\u0C33\u0C35-\u0C39\u0C60-\u0C61\u0C85-\u0C8C\u0C8E-\u0C90\u0C92-\u0CA8\u0CAA-\u0CB3\u0CB5-\u0CB9\u0CDE\u0CE0-\u0CE1\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D60-\u0D61\u0E01-\u0E2E\u0E30\u0E32-\u0E33\u0E40-\u0E45\u0E81-\u0E82\u0E84\u0E87-\u0E88\u0E8A\u0E8D\u0E94-\u0E97\u0E99-\u0E9F\u0EA1-\u0EA3\u0EA5\u0EA7\u0EAA-\u0EAB\u0EAD-\u0EAE\u0EB0\u0EB2-\u0EB3\u0EBD\u0EC0-\u0EC4\u0F40-\u0F47\u0F49-\u0F69\u10A0-\u10C5\u10D0-\u10F6\u1100\u1102-\u1103\u1105-\u1107\u1109\u110B-\u110C\u110E-\u1112\u1113C\u1113E\u1140\u114C\u114E\u1150\u1154-\u1155\u1159\u115F-\u1161\u1163\u1165\u1167\u1169\u116D-\u116E\u1172-\u1173\u1175\u119E\u11A8\u11AB\u11AE-\u11AF\u11B7-\u11B8\u11BA\u11BC-\u11C2\u11EB\u11F0\u11F9\u1E00-\u1E9B\u1EA0-\u1EF9\u1F00-\u1F15\u1F18-\u1F1D\u1F20-\u1F45\u1F48-\u1F4D\u1F50-\u1F57\u1F59\u1F5B\u1F5D\u1F5F-\u1F7D\u1F80-\u1FB4\u1FB6-\u1FBC\u1FBE\u1FC2-\u1FC4\u1FC6-\u1FCC\u1FD0-\u1FD3\u1FD6-\u1FDB\u1FE0-\u1FEC\u1FF2-\u1FF4\u1FF6-\u1FFC\u2126\u212A-\u212B\u212E\u2180-\u2182\u3041-\u3094\u30A1-\u30FA\u3105-\u312C\uAC00-\uD7A3]

Ideographic=[\u4E00-\u9FA5\u3007\u3021-\u3029]

CombiningChar=[\u0300-\u0345\u0360-\u0361\u0483-\u0486\u0591-\u05A1\u05A3-\u05B9\u05BB-\u05BD\u05BF\u05C1-\u05C2\u05C4\u064B-\u0652\u0670\u06D6-\u06DC\u06DD-\u06DF\u06E0-\u06E4\u06E7-\u06E8\u06EA-\u06ED\u0901-\u0903\u093C\u093E-\u094C\u094D\u0951-\u0954\u0962-\u0963\u0981-\u0983\u09BC\u09BE\u09BF\u09C0-\u09C4\u09C7-\u09C8\u09CB-\u09CD\u09D7\u09E2-\u09E3\u0A02\u0A3C\u0A3E\u0A3F\u0A40-\u0A42\u0A47-\u0A48\u0A4B-\u0A4D\u0A70-\u0A71\u0A81-\u0A83\u0ABC\u0ABE-\u0AC5\u0AC7-\u0AC9\u0ACB-\u0ACD\u0B01-\u0B03\u0B3C\u0B3E-\u0B43\u0B47-\u0B48\u0B4B-\u0B4D\u0B56-\u0B57\u0B82-\u0B83\u0BBE-\u0BC2\u0BC6-\u0BC8\u0BCA-\u0BCD\u0BD7\u0C01-\u0C03\u0C3E-\u0C44\u0C46-\u0C48\u0C4A-\u0C4D\u0C55-\u0C56\u0C82-\u0C83\u0CBE-\u0CC4\u0CC6-\u0CC8\u0CCA-\u0CCD\u0CD5-\u0CD6\u0D02-\u0D03\u0D3E-\u0D43\u0D46-\u0D48\u0D4A-\u0D4D\u0D57\u0E31\u0E34-\u0E3A\u0E47-\u0E4E\u0EB1\u0EB4-\u0EB9\u0EBB-\u0EBC\u0EC8-\u0ECD\u0F18-\u0F19\u0F35\u0F37\u0F39\u0F3E\u0F3F\u0F71-\u0F84\u0F86-\u0F8B\u0F90-\u0F95\u0F97\u0F99-\u0FAD\u0FB1-\u0FB7\u0FB9\u20D0-\u20DC\u20E1\u302A-\u302F\u3099\u309A]

Digit=[\u0030-\u0039\u0660-\u0669\u06F0-\u06F9\u0966-\u096F\u09E6-\u09EF\u0A66-\u0A6F\u0AE6-\u0AEF\u0B66-\u0B6F\u0BE7-\u0BEF\u0C66-\u0C6F\u0CE6-\u0CEF\u0D66-\u0D6F\u0E50-\u0E59\u0ED0-\u0ED9\u0F20-\u0F29]

Extender=[\u00B7\u02D0\u02D1\u0387\u0640\u0E46\u0EC6\u3005\u3031-\u3035\u309D-\u309E\u30FC-\u30FE]

NCName={({Letter}}|"\_|\_{NCNameStartChar})({NCNameChar})\*

NCNameChar={Letter}|{Digit}|"."-""|\_{CombiningChar}|{Extender}|{NCNameStartChar}| \u00B7 | [\u0300-\u036F] | [\u203F-\u2040] | [\u0130-\u0136]

NCNameStartChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u02FF\u0370-\u037D\u037F-\u1FFF\u200C-\u200D\u2070-\u218F\u2C00-\u2FEF\u3001-\uD7FF\uF900-\uFDCF\uFDF0-\uFFFD] | \u005F |({HighSurrogate}{LowSurrogate})

HighSurrogate=[\uD800-\uDBFF]

LowSurrogate=[\uDC00-\uDFFF]

%%

```
"*"      { return disambiguateStar(); }
"/"      { return newSymbol(sym.SLASH); }
"+"      { return newSymbol(sym.PLUS); }
"-"      { return newSymbol(sym.MINUS); }
"div"    { return disambiguateOperator(sym.DIV); }
"mod"    { return disambiguateOperator(sym.MOD); }
"::"     { return newSymbol(sym.DCOLON); }
","      { return newSymbol(sym.COMMA); }
"@       { return newSymbol(sym.ATSIGN); }
"..      { return newSymbol(sym.DDOT); }
"|"      { return newSymbol(sym.VBAR); }
"$"      { return newSymbol(sym.DOLLAR); }
"//"     { return newSymbol(sym.DSLASH); }
"="      { return newSymbol(sym.EQ); }
"!="     { return newSymbol(sym.NE); }
"<"     { return newSymbol(sym.LT); }
">"     { return newSymbol(sym.GT); }
"<="    { return newSymbol(sym.LE); }
">="    { return newSymbol(sym.GE); }
"id"     { return disambiguateAxisOrFunction(sym.ID); }
"key"    { return disambiguateAxisOrFunction(sym.KEY); }
"text()" { return newSymbol(sym.TEXT); }
"text"+[ \t\r\n\f]+"()" { return newSymbol(sym.TEXT); }
"node()" { return newSymbol(sym.NODE); }
"node"+[ \t\r\n\f]+"()" { return newSymbol(sym.NODE); }
"comment()" { return newSymbol(sym.COMMENT); }
"comment"+[ \t\r\n\f]+"()" { return newSymbol(sym.COMMENT); }
"processing-instruction" { return disambiguateAxisOrFunction(sym.PIPARAM); }
"processing-instruction()" { return newSymbol(sym.PI); }
"processing-instruction"+[ \t\r\n\f]+"()" { return newSymbol(sym.PI); }
"or"     { return disambiguateOperator(sym.OR); }
"and"    { return disambiguateOperator(sym.AND); }
"child"  { return disambiguateAxisOrFunction(sym.CHILD); }
"attribute" { return disambiguateAxisOrFunction(sym.ATTRIBUTE); }
"ancestor" { return disambiguateAxisOrFunction(sym.ANCESTOR); }
"ancestor-or-self" { return disambiguateAxisOrFunction(sym.ANCESTORORSELF); }
"descendant" { return disambiguateAxisOrFunction(sym.DESCENDANT); }
"descendant-or-self" { return disambiguateAxisOrFunction(sym.DESCENDANTORSELF); }
```



```

"following"      { return disambiguateAxisOrFunction(sym.FOLLOWING); }
"following-sibling" { return disambiguateAxisOrFunction(sym.FOLLOWINGSIBLING); }
"namespace"     { return disambiguateAxisOrFunction(sym.NAMESPACE); }
"parent"       { return disambiguateAxisOrFunction(sym.PARENT); }
"preceding"    { return disambiguateAxisOrFunction(sym.PRECEDING); }
"preceding-sibling" { return disambiguateAxisOrFunction(sym.PRECEDINGSIBLING); }
"self"        { return disambiguateAxisOrFunction(sym.SELF); }
"["           { return newSymbol(sym.LBRACK); }
"]"          { return newSymbol(sym.RBRACK); }
"("          { return newSymbol(sym.LPAREN); }
")"         { return newSymbol(sym.RPAREN); }
"<PATTERN>"   { initialize(); return new Symbol(sym.PATTERN); }
"<EXPRESSION>" { initialize(); return new Symbol(sym.EXPRESSION); }
\[^\]*\      { return newSymbol(sym.Literal,
    yytext().substring(1, yytext().length() - 1)); }
\[^\]*\'     { return newSymbol(sym.Literal,
    yytext().substring(1, yytext().length() - 1)); }
{Digit}+    { return newSymbol(sym.INT, new Long(yytext())); }
{Digit}+(\."{Digit}*)? { return newSymbol(sym.REAL, new Double(yytext())); }
"."{Digit}+ { return newSymbol(sym.REAL, new Double(yytext())); }
"."        { return newSymbol(sym.DOT); }
({NCName}":")?{NCName} { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?@"*     { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?@"*    { return newSymbol(sym.QNAME, yytext()); }
[ \t\r\n\f]         { /* ignore white space. */ }
.                   { throw new Exception(yytext()); }

```

Found in path(s):

```
* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/xpath.lex
```

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

```
/*
```

```

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* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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* limitations under the License.

```

```
*/
// Proprietary
/** The 'document-location()' id (Proprietary). */
```

Found in path(s):

```
*/opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xpath/compiler/FunctionTable.java
```

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* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
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* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
// is found, then throw a special exception in order to terminate
```

Found in path(s):

```
*/opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/TransformerFactoryImpl.java
```

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```

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Found in path(s):

- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/package.html
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/package.html
- \* /opt/cola/permits/1127075804\_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/package.html
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## 1.24 libnet 1.2

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EOF

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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 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.

#### @item

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of these things:

@enumerate a

@item

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.)

@item

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.

@item

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@end enumerate

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@subheading END OF TERMS AND CONDITIONS

@page

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@smallexample

@var{one line to give the library's name and an idea of what it does.}

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`Frob' (a library for tweaking knobs) written by James Random Hacker.

```
@var{signature of Ty Coon}, 1 April 1990  
Ty Coon, President of Vice  
@end smallexample
```

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```
@heading Preamble
```

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@iftex  
@heading END OF TERMS AND CONDITIONS  
@end iftex  
@ifinfo  
@center END OF TERMS AND CONDITIONS

@end ifinfo

@page  
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@smallexample

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@end smallexample

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@example

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@var{signature of Ty Coon}, 1 April 1989  
Ty Coon, President of Vice  
@end example

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-----



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## 1.29 slf4j 1.7.5

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```
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 */
```

Found in path(s):

```
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-
jar/org/slf4j/impl/StaticLoggerBinder.java
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/BasicMarker.java
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-
jar/org/slf4j/helpers/BasicMDCAdapter.java
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-
jar/org/slf4j/spi/LocationAwareLogger.java
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/IMarkerFactory.java
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/ILoggerFactory.java
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-
jar/org/slf4j/impl/StaticMDCBinder.java
* /opt/cola/permits/1110910367_1606871910.37/0/slf4j-api-1-7-5-sources-2-
```

jar/org/slf4j/spi/MarkerFactoryBinder.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-  
jar/org/slf4j/helpers/NamedLoggerBase.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/MarkerFactory.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/NOPLogger.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-  
jar/org/slf4j/spi/LoggerFactoryBinder.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/spi/MDCAdapter.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/LoggerFactory.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-  
jar/org/slf4j/helpers/BasicMarkerFactory.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/Logger.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-  
jar/org/slf4j/helpers/MessageFormatter.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-  
jar/org/slf4j/helpers/FormattingTuple.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-  
jar/org/slf4j/impl/StaticMarkerBinder.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-  
jar/org/slf4j/helpers/NOPLoggerFactory.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-  
jar/org/slf4j/helpers/NOPMDCAdapter.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/helpers/Util.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-  
jar/org/slf4j/helpers/SubstituteLoggerFactory.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/MDC.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-jar/org/slf4j/Marker.java  
\* /opt/cola/permits/1110910367\_1606871910.37/0/slf4j-api-1-7-5-sources-2-  
jar/org/slf4j/helpers/MarkerIgnoringBase.java

## 1.30 gnutls 3.5.18

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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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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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## 1.33 cvs 1.11.22

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Ty Coon, President of Vice

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Version 1, February 1989

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```
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```

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```
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```

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Ty Coon, President of Vice

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## 1.34 libdouble-conversion 3.0.0

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## 1.35 libsoup 2.55.90

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\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/StrongEqualsCoalescer.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/IntEnumeration.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/PropertiesConfig.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/KeyValueTransformingCachedStore.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/SynchronizedCharHolder.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/io/WriterUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/WrapperIterator.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/CloneableExtension.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/SynchronizedCharHolder.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/SqlUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/ArrayUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/SimpleCursor.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/ByteUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/SomethingChangedEventSupport.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/IdList.java



\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/ThreadPoolAsynchronousRunner.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/io/FileIterator.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/CoalesceTest.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/ThreadSafeIntHolder.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/ThreadPerTaskAsynchronousRunner.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/ConnectionUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/VolatileCharHolder.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/UnsupportedVersionException.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/swing/HostBindingInterface.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/util/WeakIdentityHashMapFactory.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/ClassInfo.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/WrapperClassInfo.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/encounter/GenericEncounterCounter.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/GeneratorExtension.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/CachedStore.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/test/TestIdHashSet.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/ser/IndirectlySerialized.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/TypeRepImpl.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/FSMessageLoggerAdapter.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/TableRepImpl.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/InnerBeanPropertyBeanGenerator.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/MEnumeration.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/CollectionUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/BasicPropertiesConfigSource.java

\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/StringTokenizerUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/util/XORShiftRandomUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/impl/EndsWithFilenameFilter.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/io/IndentedWriter.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lang/StringUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/SimplePropertyBeanGenerator.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/csv/MalformedCsvException.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/swing/TestBean.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/SchemaManager.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lang/ThreadUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/ResultSetUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/ser/Indirector.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/MLogInitializationException.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/ResolvedProperty.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/VolatileShortHolder.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/ser/SerializableUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/CommandLineParserImpl.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/SynchronizedDoubleHolder.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/TypeRep.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/swing/BoundButtonUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/LinkedListIntChecklistImpl.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/VolatileFloatHolder.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/SyncedProperties.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/RunnableQueue.java

\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/csv/FastCsvUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/ObjectCache.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/HexAsciiMD5PropertiesPasswordManager.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/rmi/CallingCard.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/NameTransformer.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/EmptyMEnumeration.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lang/Coerce.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/MessageLogger.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/SerializableUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/SynchronizedFilterStatement.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/ShortUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/ThreadSafeLongHolder.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/DelayedLogItem.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/AsynchronousRunner.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/NoCleanupCachedStore.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/CBPCursor.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/FloatUtils.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/debug/DebugGen.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/IdHashMap.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/encounter/EqualityEncounterCounter.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/CommandLineParser.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/PackageNames.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/FilterConnection.java  
\* /opt/cola/permits/1150964960\_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/VolatileCharHolder.java

```

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/v2/io/DirectoryDescentUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/v1/cachedstore/KeyTransformingCachedStore.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/lang/IntegerUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/v1/lang/Synchronizer.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/v2/naming/ReferenceableUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/v2/codegen/bean/BeangenUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/v2/codegen/intfc/ReflectiveDelegationPolicy.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/v2/collection/WrapperIterator.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/util/IntObjectMap.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/util/IteratorUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/v3/decode/CannotDecodeException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-
jar/com/mchange/v2/codegen/bean/ExplicitDefaultConstructorGeneratorExtension.java

```

## 1.43 openssh 7.5

### 1.43.1 Available under license :

```

/* $OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp $ */

/*
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```

```
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* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
```

```
/* OPENBSD ORIGINAL: sys/sys/poll.h */
```

```
#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_
```

```
typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;
```

```
typedef unsigned int nfds_t;
```

```
#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif
```

```
#define INFTIM (-1) /* not standard */
```

```
int poll(struct pollfd *, nfd_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */
```

This file is part of the OpenSSH software.

The licences which components of this software fall under are as follows. First, we will summarize and say that all components are under a BSD licence, or a licence more free than that.

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- \*
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- \* incompatible with the protocol description in the RFC file, it must be
- \* called by a name other than "ssh" or "Secure Shell".

[Tatu continues]

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- \* restrictive); see below for details.

[However, none of that term is relevant at this point in time. All of these restrictively licenced software components which he talks about have been removed from OpenSSH, i.e.,

- RSA is no longer included, found in the OpenSSL library
- IDEA is no longer included, its use is deprecated
- DES is now external, in the OpenSSL library
- GMP is no longer used, and instead we call BN code from OpenSSL
- Zlib is now external, in a library
- The make-ssh-known-hosts script is no longer included
- TSS has been removed
- MD5 is now external, in the OpenSSL library
- RC4 support has been replaced with ARC4 support from OpenSSL
- Blowfish is now external, in the OpenSSL library

[The licence continues]

Note that any information and cryptographic algorithms used in this software are publicly available on the Internet and at any major bookstore, scientific library, and patent office worldwide. More information can be found e.g. at "<http://www.cs.hut.fi/crypto>".

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\* @version 3.0 (December 2000)

\*

\* Optimised ANSI C code for the Rijndael cipher (now AES)

\*

\* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

\* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

\* @author Paulo Barreto <paulo.barreto@terra.com.br>

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```

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```

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```

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*/

```

```

#ifdef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifdef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif

```

```

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*/

```

```

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

```

```

#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED

```

```

/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w)) >> 8) & 0377) : -1)
#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

```

```

/* Prototype */
pid_t waitpid(int, int *, int);

```

```

#endif /* !HAVE_WAITPID */

```

#endif /\* \_BSD\_WAITPID\_H \*/

# 1.44 nettle 3.4

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```
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```
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```

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<signature of Ty Coon>, 1 April 1989
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## 1.47 libedit 20170329-3.1

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## 1.49 tdb 1.3.12,1

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Version 3, 29 June 2007

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# 1.53 asm 5.0.3

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jar/org/objectweb/asm/xml/package.html

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*/
/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * { @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 *     the <code>MethodVisitor</code> to send the resulting inlined
 *     method code to (use <code>null</code> for none).
 * @param access
 *     the method's access flags (see { @link Opcodes}). This
 *     parameter also indicates if the method is synthetic and/or
 *     deprecated.
 * @param name
 *     the method's name.
 * @param desc
 *     the method's descriptor (see { @link Type}).
 * @param signature
 *     the method's signature. May be <tt>null</tt>.
 * @param exceptions
 *     the internal names of the method's exception classes (see
 *     { @link Type#getInternalName() getInternalName}). May be
 *     <tt>null</tt>.
 * @throws IllegalStateException
 *     If a subclass calls this constructor.
 */

```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
```

jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

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\* Constructs a new {@link LocalVariableAnnotationNode}. *Subclasses must*

\* not use this constructor. Instead, they must use the

\* {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}

\* version.

\*

\* @param typeRef

\* a reference to the annotated type. See {@link TypeReference}.

\* @param typePath

\* the path to the annotated type argument, wildcard bound, array

\* element type, or static inner type within 'typeRef'. May be

\* `null` if the annotation targets 'typeRef' as a whole.

\* @param start

\* the first instructions corresponding to the continuous ranges

\* that make the scope of this local variable (inclusive).

\* @param end



```
* the last instructions corresponding to the continuous ranges
* that make the scope of this local variable (exclusive). This
* array must have the same size as the 'start' array.
* @param index
* the local variable's index in each range. This array must have
* the same size as the 'start' array.
* @param desc
* the class descriptor of the annotation class.
*/
```

Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
```

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```

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*/
```

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*/opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/xml/SAXAdapter.java
```

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/xml/SAXFieldAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/xml/Processor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/xml/SAXClassAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/xml/ASMContentHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/xml/SAXCodeAdapter.java

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*/
/**
 * Constructs a new {@link ClassNode}. Subclasses must not use this
 * constructor. Instead, they must use the {@link #ClassNode(int)}
 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/ClassNode.java

```

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\*/

/\*\*

\* Creates a new { @link GeneratorAdapter}. *<i>*Subclasses must not use this constructor*</i>*. Instead, they must use the

\* { @link #GeneratorAdapter(int, MethodVisitor, int, String, String)} version.

\* @param mv the method visitor to which this adapter delegates calls.

\* @param access the method's access flags (see { @link Opcodes}).

\* @param name the method's name.

\* @param desc the method's descriptor (see { @link Type Type}).

\* @throws IllegalStateException If a subclass calls this constructor.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/GeneratorAdapter.java

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- \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-
- jar/org/objectweb/asm/tree/analysis/package.html
- \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-
- jar/org/objectweb/asm/commons/package.html
- \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-
- jar/org/objectweb/asm/util/package.html
- \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-
- jar/org/objectweb/asm/package.html
- \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-
- jar/org/objectweb/asm/tree/package.html
- \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-
- jar/org/objectweb/asm/signature/package.html

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jar/org/objectweb/asm/util/ASMifiable.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/Textifiable.java

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jar/org/objectweb/asm/tree/LabelNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/signature/SignatureWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/Method.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/TraceSignatureVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/AbstractInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/BasicVerifier.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/FieldWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/TraceClassVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java  
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jar/org/objectweb/asm/Context.java  
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jar/org/objectweb/asm/tree/analysis/AnalyzerException.java  
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\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
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jar/org/objectweb/asm/Frame.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
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jar/org/objectweb/asm/tree/InsnList.java  
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jar/org/objectweb/asm/Handler.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/TryCatchBlockNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/InstructionAdapter.java  
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jar/org/objectweb/asm/util/CheckMethodAdapter.java  
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jar/org/objectweb/asm/optimizer/ClassOptimizer.java  
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jar/org/objectweb/asm/util/ASMifier.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/CodeSizeEvaluator.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
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jar/org/objectweb/asm/optimizer/MethodOptimizer.java  
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jar/org/objectweb/asm/tree/JumpInsnNode.java  
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jar/org/objectweb/asm/tree/LocalVariableNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/MethodInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java  
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jar/org/objectweb/asm/Opcodes.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/JarOptimizer.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/TypeInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/MethodNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/optimizer/NameMapping.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/StaticInitMerger.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-

jar/org/objectweb/asm/commons/RemappingFieldAdapter.java  
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jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/CheckFieldAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/InnerClassNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/Attribute.java  
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\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/CheckClassAdapter.java  
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jar/org/objectweb/asm/tree/analysis/SmallSet.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/TraceAnnotationVisitor.java  
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jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/SimpleRemapper.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/ClassReader.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/LocalVariablesSorter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/ByteVector.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/AnnotationWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/LdcInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/FrameNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/Analyzer.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/TableSwitchGenerator.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/InsnNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/util/TraceMethodVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/Label.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-

jar/org/objectweb/asm/Handle.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/ClassWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/Interpreter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/Value.java  
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jar/org/objectweb/asm/commons/Remapper.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/MethodWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/commons/RemappingMethodAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java  
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jar/org/objectweb/asm/TypePath.java  
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\*/

/\*\*

\* Creates a new {@link AnalyzerAdapter}. *Subclasses must not use this  
\* constructor*. Instead, they must use the  
\* {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}  
\* version.

\*

\* @param owner

```

*      the owner's class name.
* @param access
*      the method's access flags (see { @link Opcodes}).
* @param name
*      the method's name.
* @param desc
*      the method's descriptor (see { @link Type Type}).
* @param mv
*      the method visitor to which this adapter delegates calls. May
*      be <tt>null</tt>.
* @throws IllegalStateException
*      If a subclass calls this constructor.
*/

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
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```

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*/

```

```

/**
 * Constructs a new {@link Textifier}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #Textifier(int)}
 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
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* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-frames.properties
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-writer.properties
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-resize.properties
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-annotations.properties
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jar/org/objectweb/asm/optimizer/shrink-signatures.properties
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink.properties

```

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## 1.58 bzip2 1.0.6

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Julian Seward, Cambridge, UK.

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bzip2/libbzip2 version 1.0.2 of 30 December 2001

/\*

minibz2

libbz2.dll test program.

by Yoshioka Tsuneo (tsuneo@rr.iij4u.or.jp)

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usage: minibz2 [-d] [-{1,2,..9}] [[srcfilename] destfilename]

\*/

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## 1.60 snake-yaml 1.24

### 1.60.1 Available under license :

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Found in path(s):

```
* /opt/cola/permits/1150997427_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/META-INF/maven/org.yaml/snakeyaml/pom.xml
```

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/**
 * A Base64 encoder/decoder.
 *
 * <p>
 * This class is used to encode and decode data in Base64 format as described in
 * RFC 1521.
 *
 * <p>
 * Project home page: <a
 * href="http://www.source-code.biz/base64coder/java/">www.
 * source-code.biz/base64coder/java</a><br>
 * Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland<br>
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 */
```

Found in path(s):

```
* /opt/cola/permits/1150997427_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java
```

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```
/**
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 */
```

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Found in path(s):

\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/constructor/ConstructorException.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/util/ArrayUtils.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/events/ScalarEvent.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/tokens/TagToken.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/emitter/EmitterState.java  
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\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/emitter/EmitterException.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/tokens/KeyToken.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/constructor/Construct.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java  
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\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/reader/StreamReader.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/emitter/Emitable.java

\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/events/Event.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/parser/Parser.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/tokens/DocumentStartToken.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/composer/Composer.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/events/StreamEndEvent.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/introspector/MissingProperty.java  
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\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/tokens/ValueToken.java  
\* /opt/cola/permits/1150997427\_1654022970.1301146/0/snakeyaml-1-24-sources-7-jar/org/yaml/snakeyaml/reader/UnicodeReader.java  
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## 1.61 expat 2.2.0

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## 1.62 jackson-jaxrs 2.9.9

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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## Credits

A list of contributors may be found from CREDITS file, which is included

in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

## 1.63 glib 2.50.3-2

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```

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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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## 1.65 perl 5.32.0

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## 1.66 headline 7.0.3

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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## 1.69 openssl 0.9.7e

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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## 1.71 samba 4.5.8

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```
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./ChangeLog X 2003,2004,2005,2006,2007
./LICENSE X 2003,2004,2005,2006,2007
./MANIFEST.in X 2003,2004,2005,2006,2007
./Makefile MAKE 2003,2004,2005,2006,2007,2009,2011
./README X 2003,2004,2005,2006,2007
./TODO X 2003,2004,2005,2006,2007
./dns/__init__.py PYTHON 2003,2004,2005,2006,2007,2009,2011
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./dns/resolver.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
./dns/reversename.py PYTHON 2006,2007,2009,2010,2011  
./dns/rrset.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
./dns/set.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
./dns/tokenizer.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
./dns/tsig.py PYTHON 2001,2002,2003,2004,2005,2006,2007,2009,2010,2011  
./dns/tsigkeyring.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
./dns/ttl.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
./dns/update.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
./dns/version.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
./dns/wiredata.py PYTHON 2011  
./dns/zone.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
./examples/ddns.py X 2006,2007  
./examples/e164.py X 2006,2007  
./examples/mx.py X 2003,2004,2005,2006,2007  
./examples/name.py X 2003,2004,2005,2006,2007  
./examples/reverse.py X 2003,2004,2005,2006,2007  
./examples/reverse\_name.py X 2006,2007  
./examples/xfr.py X 2003,2004,2005,2006,2007  
./examples/zonediff.py X 2010,2011  
./setup.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
./tests/Makefile MAKE 2003,2004,2005,2006,2007,2009,2010,2011  
./tests/bugs.py PYTHON 2006,2007,2009,2010,2011  
./tests/dnssec.py PYTHON 2011  
./tests/example X 2003,2004,2005,2006,2007  
./tests/example1.good X 2003,2004,2005,2006,2007  
./tests/example2.good X 2003,2004,2005,2006,2007  
./tests/flags.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
./tests/message.py PYTHON 2003,2004,2005,2006,2007,2009,2010,2011

`./tests/name.py` PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
`./tests/namedict.py` PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
`./tests/ntoaaton.py` PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
`./tests/rdtypeandclass.py` PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
`./tests/resolver.py` PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
`./tests/rset.py` PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
`./tests/set.py` PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
`./tests/tokenizer.py` PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
`./tests/update.py` PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
`./tests/zone.py` PYTHON 2003,2004,2005,2006,2007,2009,2010,2011  
`./util/COPYRIGHT` X 2003,2004,2005,2006,2007  
`./util/copyrights` X 2003,2004,2005,2006,2007  
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## 1.72 commons-lang3 3.1

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## 1.73 mpclib 1.1.0

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\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/CrossOriginFilter.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/IncludableGzipFilter.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/gzip/GzipHttpOutput.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/GzipFilter.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/gzip/AbstractCompressedStream.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/gzip/DeflatedOutputStream.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/EventSourceServlet.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/CloseableDoSFilter.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/gzip/package-info.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/DoSFilter.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/package-info.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/QoSFilter.java  
\* /opt/cola/permits/1001100700\_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-jar/org/eclipse/jetty/servlets/AsyncGzipFilter.java

```
* /opt/cola/permits/1001100700_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/servlets/WelcomeFilter.java
* /opt/cola/permits/1001100700_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/servlets/EventSource.java
* /opt/cola/permits/1001100700_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/servlets/MultiPartFilter.java
* /opt/cola/permits/1001100700_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/servlets/ConcatServlet.java
* /opt/cola/permits/1001100700_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/servlets/DataRateLimitedServlet.java
* /opt/cola/permits/1001100700_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-
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* /opt/cola/permits/1001100700_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/servlets/gzip/GzipHandler.java
* /opt/cola/permits/1001100700_1651084723.06/0/jetty-servlets-9-2-13-v20150730-sources-
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jar/org/eclipse/jetty/servlets/CGI.java
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jar/org/eclipse/jetty/servlets/gzip/GzipFactory.java
```

## 1.75 openssh 7.5p1

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```
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```

```
*/
```

```
/* OPENBSD ORIGINAL: sys/sys/poll.h */
```

```
#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
```

```
#ifndef _COMPAT_POLL_H_
```

```
#define _COMPAT_POLL_H_
```

```
typedef struct pollfd {
```

```
int fd;
```

```
short events;
```

```
short revents;
```

```
} pollfd_t;
```

```
typedef unsigned int nfds_t;
```

```
#define POLLIN 0x0001
```

```
#define POLLOUT 0x0004
```

```
#define POLLERR 0x0008
```

```
#define POLLHUP 0x0010
```

```
#define POLLNVAL 0x0020
```

```
#if 0
```

```
/* the following are currently not implemented */
```

```
#define POLLPRI 0x0002
```

```
#define POLLRDNORM 0x0040
```

```
#define POLLNORM POLLRDNORM
```

```
#define POLLWRNORM POLLOUT
```

```
#define POLLRDBAND 0x0080
```

```
#define POLLWRBAND 0x0100
```

```
#endif
```

```
#define INFTIM (-1) /* not standard */
```

```
int poll(struct pollfd *, nfds_t, int);
```

```
#endif /* !_COMPAT_POLL_H_ */
```

```
#endif /* !HAVE_POLL_H_ */
```

```
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```

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\* @version 3.0 (December 2000)

\*

\* Optimised ANSI C code for the Rijndael cipher (now AES)

\*

\* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

\* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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*/

```

```

#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
/*

```

```

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*/

```

```

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

```

```

#ifndef HAVE_WAITPID

```

```

/* Clean out any potential issues */

```

```

#undef WIFEXITED

```

```

#undef WIFSTOPPED

```

```

#undef WIFSIGNALED

```

```

/* Define required functions to mimic a POSIX look and feel */

```

```

#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */

```

```

#define WIFEXITED(w) (!((_W_INT(w)) & 0377))

```

```

#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)

```

```

#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))

```

```

#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)

```

```

#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)

```

```

#define WCOREFLAG 0x80

```

```

#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

```

```

/* Prototype */

```

```

pid_t waitpid(int, int *, int);

```

```

#endif /* !HAVE_WAITPID */

```

```

#endif /* _BSD_WAITPID_H */

```

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

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## 1.88 commons-lang3 2.6

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## 1.90 txw2 2.3.0

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\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/package.html

\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/package.html

\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/annotation/package.html

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- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/StreamSerializer.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/TXW.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/DumbEscapeHandler.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/Cdata.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/NamespaceDecl.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/Text.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/EndTag.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/XmlSerializer.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/StartTag.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/Content.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/DatatypeWriter.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/DomSerializer.java
- \* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-

jar/com/sun/xml/txw2/Document.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/Attribute.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/annotation/XMLElement.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/SaxSerializer.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/DelegatingXMLStreamWriter.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/TXWSerializer.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/Pcdata.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/CharacterEscapeHandler.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/annotation/XMLAttribute.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/StaxSerializer.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/EndDocument.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/annotation/XMLCDATA.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/ContentVisitor.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/IndentingXMLStreamWriter.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/ResultFactory.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/TXWResult.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/IndentingXMLFilter.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/annotation/XMLNamespace.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/TypedXmlWriter.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/TxwException.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/ContainerElement.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/NamespaceResolver.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/output/DataWriter.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/StartDocument.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-jar/com/sun/xml/txw2/annotation/XMLValue.java  
\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-

```
jar/com/sun/xml/txw2/output/DumpSerializer.java
* /opt/cola/permits/1151030406_1654022967.9565017/0/txw2-2-3-0-sources-4-
jar/com/sun/xml/txw2/IllegalAnnotationException.java
* /opt/cola/permits/1151030406_1654022967.9565017/0/txw2-2-3-0-sources-4-
jar/com/sun/xml/txw2/IllegalSignatureException.java
* /opt/cola/permits/1151030406_1654022967.9565017/0/txw2-2-3-0-sources-4-
jar/com/sun/xml/txw2/Comment.java
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```

```

// This class is in the Public Domain. NO WARRANTY!
/**
 * Encapsulate Namespace logic for use by applications using SAX,
 * or internally by SAX drivers.
 *
 * <blockquote>
 * <em>This module, both source code and documentation, is in the
 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
 * for further information.
 * </blockquote>
 *
 * <p>This class encapsulates the logic of Namespace processing: it
 * tracks the declarations currently in force for each context and
 * automatically processes qualified XML names into their Namespace
 * parts; it can also be used in reverse for generating XML qnames
 * from Namespaces.</p>
 *
 * <p>Namespace support objects are reusable, but the reset method
 * must be invoked between each session.</p>
 *
 * <p>Here is a simple session:</p>
 *
 * <pre>
 * String parts[] = new String[3];
 * NamespaceSupport support = new NamespaceSupport();
 *
 * support.pushContext();
 * support.declarePrefix("", "http://www.w3.org/1999/xhtml");
 * support.declarePrefix("dc", "http://www.purl.org/dc#");
 *
 * parts = support.processName("p", parts, false);
 * System.out.println("Namespace URI: " + parts[0]);
 * System.out.println("Local name: " + parts[1]);
 * System.out.println("Raw name: " + parts[2]);
 *
 * parts = support.processName("dc:title", parts, false);
 * System.out.println("Namespace URI: " + parts[0]);
 * System.out.println("Local name: " + parts[1]);
 * System.out.println("Raw name: " + parts[2]);
 *
 * support.popContext();
 * </pre>
 *
 * <p>Note that this class is optimized for the use case where most
 * elements do not contain Namespace declarations: if the same
 * prefix/URI mapping is repeated for each context (for example), this
 * class will be somewhat less efficient.</p>

```

\*  
\* <p>Although SAX drivers (parsers) may choose to use this class to  
\* implement namespace handling, they are not required to do so.  
\* Applications must track namespace information themselves if they  
\* want to use namespace information.  
\*  
\* @since SAX 2.0  
\* @author David Megginson  
\* @version 2.0.1 (sax2r2)  
\*/

Found in path(s):

\* /opt/cola/permits/1151030406\_1654022967.9565017/0/txw2-2-3-0-sources-4-  
jar/com/sun/xml/txw2/Namespacesupport.java

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```
*/opt/cola/permits/1151030406_1654022967.9565017/0/txw2-2-3-0-sources-4-
jar/com/sun/xml/txw2/output/XMLWriter.java
```

## 1.91 pflag 1.0.5

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## 1.93 talloc 2.1.10

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## 1.97 sbsigntool 0.6

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\*

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\* /opt/cola/permits/1000738824\_1646171490.29/0/jackson-mapper-asl-1-9-13-sources-jar/org/codehaus/jackson/map/MappingJsonFactory.java

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## 1.101 logrus 1.5.0

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## 1.102 quartz 2.3.0

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```
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jar/org/quartz/management/ManagementServer.java
```

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/management/ManagementRESTServiceConfiguration.java  
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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/DailyTimeIntervalTriggerPersistenceDelegate.java

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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/DisallowConcurrentExecution.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/CronTrigger.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/matchers/NotMatcher.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/Matcher.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/CalendarIntervalTrigger.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/SimpleTrigger.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/matchers/AndMatcher.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/spi/MutableTrigger.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/JobBuilder.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/TriggerKey.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/DailyTimeIntervalScheduleBuilder.java

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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-

jar/org/quartz/impl/matchers/EverythingMatcher.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/JobDetail.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/triggers/CalendarIntervalTriggerImpl.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/DateBuilder.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/ListenerManager.java  
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jar/org/quartz/impl/matchers/OrMatcher.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/TriggerBuilder.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/SimpleScheduleBuilder.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/ExecuteInJTATransaction.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/TimeOfDay.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/DailyTimeIntervalTrigger.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/PersistJobDataAfterExecution.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/CalendarIntervalScheduleBuilder.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/matchers/KeyMatcher.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/SchedulerConfigException.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/triggers/CoreTrigger.java  
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jar/org/quartz/impl/matchers/NameMatcher.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/matchers/StringMatcher.java  
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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/ClusteredJobStore.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/wrappers/WrapperFactory.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/wrappers/DefaultWrapperFactory.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/collections/TimeTriggerSet.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/TerracottaJobStoreExtensions.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/wrappers/TriggerWrapper.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utils/FindbugsSuppressWarnings.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/wrappers/FiredTrigger.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/commonj/WorkManagerThreadExecutor.java

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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/DirectSchedulerFactory.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/StdSchedulerFactory.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/calendar/MonthlyCalendar.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/core/JobRunShell.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/calendar/BaseCalendar.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/ee/servlet/QuartzInitializerServlet.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/spi/JobStore.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/core/QuartzSchedulerThread.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/spi/ThreadPool.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/calendar/WeeklyCalendar.java

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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/AbstractTerracottaJobStore.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/PlainTerracottaJobStore.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/collections/ToolkitDSHolder.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/wrappers/JobFacade.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/wrappers/TriggerFacade.java  
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Manifest-Version: 1.0  
BuildInfo-Revision: unknown  
Terracotta-ProjectStatus: Supported  
BuildInfo-URL: unknown  
BuildInfo-Host: tc-eng-002  
BuildInfo-User: jenkins-slave  
Terracotta-Description: Enterprise Job Scheduler  
BuildInfo-Timestamp: 20170419-154134  
Terracotta-Name: quartz  
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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/listeners/BroadcastTriggerListener.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/listeners/BroadcastJobListener.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/UpdateLockRowSemaphore.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/listeners/JobChainingJobListener.java

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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/collections/SerializationHelper.java

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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/SimplePropertiesTriggerProperties.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utils/ClassUtils.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/DefaultThreadExecutor.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/CronTriggerPersistenceDelegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/SimplePropertiesTriggerPersistenceDelegateSupport.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/SimpleTriggerPersistenceDelegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/CalendarIntervalTriggerPersistenceDelegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/SchedulerDetailsSetter.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/TriggerPersistenceDelegate.java  
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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/AttributeRestoringConnectionInvocationHandler.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/StringKeyDirtyFlagMap.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/listeners/JobListenerSupport.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/TablePrefixAware.java

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-
jar/org/quartz/plugins/SchedulerPluginWithUserTransactionSupport.java
* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-
jar/org/quartz/listeners/SchedulerListenerSupport.java
* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-
jar/org/quartz/listeners/TriggerListenerSupport.java
* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-
jar/org/quartz/ee/jmx/jboss/JBoss4RMIRemoteMBeanScheduler.java
```

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```
* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-
jar/org/quartz/impl/jdbcjobstore/LockException.java
```

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-
jar/org/quartz/impl/JobExecutionContextImpl.java
```

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-
jar/org/quartz/impl/jdbcjobstore/InvalidConfigurationException.java
```

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-
jar/org/quartz/ee/jta/UserTransactionHelper.java
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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/spi/SchedulerPlugin.java
```

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-
jar/org/quartz/utils/C3p0PoolingConnectionProvider.java
```

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/TriggerUtils.java
```

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-
jar/org/quartz/UnableToInterruptJobException.java
```

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utils/Key.java
```

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-
jar/org/quartz/ee/jta/JTAJobRunShell.java
```

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/helpers/VersionPrinter.java
```

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/simpl/RAMJobStore.java
```

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* /opt/cola/permits/1150985854_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/Calendar.java
```



\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/DBSemaphore.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/spi/TriggerFiredBundle.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/Utils/HikariCpPoolingConnectionProvider.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/core/SchedulerSignalerImpl.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/SchedulerRepository.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/ee/jta/JTAJobRunShellFactory.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/JobStoreCMT.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/oracle/OracleDelegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/Utils/ConnectionProvider.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/simpl/PropertySettingJobFactory.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/simpl/CascadingClassLoadHelper.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/SchedulerContext.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/simpl/SimpleClassLoadHelper.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/RemoteScheduler.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/Constants.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/DB2v7Delegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/JobStoreSupport.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/calendar/HolidayCalendar.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/SybaseDelegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/DriverDelegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/FiredTriggerRecord.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/WebLogicDelegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/simpl/HostnameInstanceIdGenerator.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/TriggerListener.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/spi/TimeBroker.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-



jar/org/quartz/impl/triggers/AbstractTrigger.java  
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jar/org/quartz/impl/StdJobRunShellFactory.java  
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jar/org/quartz/impl/jdbcjobstore/StdJDBCConstants.java  
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jar/org/quartz/simpl/SimpleInstanceIdGenerator.java  
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jar/org/quartz/impl/triggers/CronTriggerImpl.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/plugins/history/LoggingJobHistoryPlugin.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/spi/JobFactory.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/SchedulerException.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/jdbcjobstore/JTANonClusteredSemaphore.java  
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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/jdbcjobstore/PostgreSQLDelegate.java  
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jar/org/quartz/utills/JNDIConnectionProvider.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/simpl/InitThreadContextClassLoaderHelper.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/SchedulerListener.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/QuartzServer.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/jdbcjobstore/CacheDelegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/RemoteMBeanScheduler.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/calendar/AnnualCalendar.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/simpl/SimpleTimeBroker.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/SchedulerFactory.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/jdbcjobstore/DB2v8Delegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/jdbcjobstore/TriggerStatus.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/Util.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/plugins/xml/XMLSchedulingDataProcessorPlugin.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/impl/jdbcjobstore/MSSQLDelegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/JobListener.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/spi/ClassLoaderHelper.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-  
jar/org/quartz/core/QuartzSchedulerResources.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/spi/SchedulerSignaler.java

\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/JobStoreTX.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/StatefulJob.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/ee/jmx/jboss/QuartzServiceMBean.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/oracle/weblogic/WebLogicOracleDelegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/plugins/history/LoggingTriggerHistoryPlugin.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/ee/jmx/jboss/QuartzService.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/JobDataMap.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/PointbaseDelegate.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/StdRowLockSemaphore.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/xml/XMLSchedulingDataProcessor.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/SchedulerStateRecord.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/impl/jdbcjobstore/SimpleSemaphore.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/ee/jta/JTAAnnotationAwareJobRunShellFactory.java  
\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/SchedulerMetaData.java  
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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/terracotta/quartz/DefaultClusteredJobStore.java  
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\* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/CircularLossyQueue.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/sampled/SampledRateCounter.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/CounterManager.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/sampled/SampledCounter.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/CounterManagerImpl.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/sampled/SampledRateCounterConfig.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/sampled/SampledRateCounterImpl.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/CounterImpl.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/Counter.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/sampled/TimeStampedCounterValue.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/sampled/SampledCounterConfig.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/CounterConfig.java  
 \* /opt/cola/permits/1150985854\_1617740653.75/0/quartz-2-3-0-sources-4-jar/org/quartz/utills/counter/sampled/SampledCounterImpl.java

## 1.103 jetty-servlets 9.4.16.v20190411

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## Eclipse

The following artifacts are EPL.

- \* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

- \* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- \* org.eclipse.jetty.orbit:javax.mail.glassfish

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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.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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## Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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## OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

- org.ow2.asm:asm-commons
- org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

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

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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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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is

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## 1.104 python 2.6.4

### 1.104.1 Available under license :

A C-program for MT19937, with initialization improved 2002/1/26.

Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`

or `init_by_array(init_key, key_length)`.

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### History of the software

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us/>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see <http://www.zope.com/>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL compatible?
0.9.0 thru 1.2	n/a	1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	no
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2002-2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2003	PSF	yes
2.3.3	2.3.2	2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes

2.4.3	2.4.2	2006	PSF	yes	
+-----+-----+-----+-----+-----+					
2.4.4	2.4.3	2006	PSF	yes	
+-----+-----+-----+-----+-----+					
2.5	2.4	2006	PSF	yes	
+-----+-----+-----+-----+-----+					
2.5.1	2.5	2007	PSF	yes	
+-----+-----+-----+-----+-----+					
2.5.2	2.5.1	2008	PSF	yes	
+-----+-----+-----+-----+-----+					
2.5.3	2.5.2	2008	PSF	yes	
+-----+-----+-----+-----+-----+					
2.6	2.5	2008	PSF	yes	
+-----+-----+-----+-----+-----+					
2.6.1	2.6	2008	PSF	yes	
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#### Mersenne Twister

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The `:mod:'_random'` module includes code based on a download from <http://www.math.keio.ac.jp/matsumoto/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.keio.ac.jp/matumoto/emt.html>

email: [matumoto@math.keio.ac.jp](mailto:matumoto@math.keio.ac.jp)

Sockets

-----

The `:mod:'socket'` module uses the functions, `:func:'getaddrinfo'`, and `:func:'getnameinfo'`, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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Floating point exception control

-----  
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#### MD5 message digest algorithm

-----

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.  
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.  
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.  
1999-05-03 lpd Original version.

Asynchronous socket services  
-----

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Cookie management  
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-----

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## Execution tracing

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## UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with python standard

#### XML Remote Procedure Calls

-----

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test\_epoll

-----

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Select kqueue

-----

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""""

Additional handlers for the logging package for Python. The core package is based on PEP 282 and comments thereto in comp.lang.python, and influenced by Apache's log4j system.

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/\* parsermodule.c

\*

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\*

\* This module serves to replace the original parser module written  
\* by Guido. The functionality is not matched precisely, but the  
\* original may be implemented on top of this. This is desirable  
\* since the source of the text to be parsed is now divorced from  
\* this interface.

\*

\* Unlike the prior interface, the ability to give a parse tree  
\* produced by Python code as a tuple to the compiler is enabled by  
\* this module. See the documentation for more details.

\*

- \* I've added some annotations that help with the lint code-checking
- \* program, but they're not complete by a long shot. The real errors
- \* that lint detects are gone, but there are still warnings with
- \* Py\_[X]DECREF() and Py\_[X]INCREf() macros. The lint annotations
- \* look like "NOTE(...)".
- \*/

## A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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## 1.106 util-linux 1.43.4

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NR START END SECTORS SIZE NAME UUID

1 32 7679 7648 3.7M 8f8378c0-01  
2 7680 16383 8704 4.3M 8f8378c0-02  
5 7936 12799 4864 2.4M  
6 12544 16127 3584 1.8M

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```
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```

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```
WEV @@ WEV[B "1
```

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Version 2.1, February 1999

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```
x ?"U@,5 @mISmIN<GimCN7g1u|E
43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI
A0mImImI...
lost+found...
```

;9GimCN7g

```
!"#$%&'()*+,-
./0123456789;:<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789;:<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789;:<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789;:<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@
WEV[B "1
```

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```

Found in path(s):

```
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/SpnegoUserIdentity.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/UserDataConstraint.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/IdentityService.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/ConstraintAware.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/JDBCLoginService.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/authentication/SpnegoAuthenticator.java
```

\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/DefaultUserIdentity.java  
\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/authentication/BasicAuthenticator.java  
\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/SpnegoUserPrincipal.java  
\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/PropertyUserStore.java  
\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/RoleInfo.java  
\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/DefaultIdentityService.java  
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\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/RoleRunAsToken.java  
\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/authentication/DeferredAuthentication.java  
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\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/authentication/package-info.java  
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\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/LoginService.java  
\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/MappedLoginService.java  
\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/UserAuthentication.java  
\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/package-info.java  
\* /opt/cola/permits/1001100702\_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/org/eclipse/jetty/security/SecurityHandler.java

```
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/AbstractUserAuthentication.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/HashCrossContextPseudoSession.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/CrossContextPseudoSession.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/authentication/LoginCallback.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/authentication/LoginCallbackImpl.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/SpnegoLoginService.java
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/ServerAuthException.java
```

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Found in path(s):

```
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-jar/about.html
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constraint>
```

Found in path(s):

```
* /opt/cola/permits/1001100702_1651084727.58/0/jetty-security-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/security/ConstraintSecurityHandler.java
```

## 1.108 jettison 1.3

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## 1.117 openssl 1.0.2o

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# 1.120 tomcat-el-api 8.5.32

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## 1.121 subversion 1.9.7-4

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\* Markus Kuhn -- 2007-05-26 (Unicode 5.0)

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For the files `subversion/libsvn_subr/x509parse.c` and `subversion/libsvn_subr/x509.h`

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## 1.122 httpcomponents-client 4.5.6

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# 1.123 libunistring 0.9.9

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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.

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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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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## 1.124 ipmiutil 1.8.18

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Source: <http://ipmiutil.sourceforge.net>

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Source: <http://ipmiutil.sourceforge.net>

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* holder.
*/
// NO WARRANTY! This class is in the public domain.
/**
```

```

* Default implementation of the Attributes interface.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class provides a default implementation of the SAX2
* { @link org.xml.sax.Attributes Attributes } interface, with the
* addition of manipulators so that the list can be modified or
* reused.</p>
*
* <p>There are two typical uses of this class:</p>
*
* <ol>
* <li>to take a persistent snapshot of an Attributes object
* in a { @link org.xml.sax.ContentHandler#startElement startElement } event; or</li>
* <li>to construct or modify an Attributes object in a SAX2 driver or filter.</li>
* </ol>
*
* <p>This class replaces the now-deprecated SAX1 { @link
* org.xml.sax.helpers.AttributeListImpl AttributeListImpl }
* class; in addition to supporting the updated Attributes
* interface rather than the deprecated { @link org.xml.sax.AttributeList
* AttributeList } interface, it also includes a much more efficient
* implementation using a single array rather than a set of Vectors.</p>
*
* @since JAXB 1.0
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
*/

```

Found in path(s):

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* /opt/cola/permits/1150996732_1654022864.9866693/0/jaxb-impl-2-3-0-sources-9-
jar/com/sun/xml/bind/util/AttributesImpl.java

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\* /opt/cola/permits/1150996732\_1654022864.9866693/0/jaxb-impl-2-3-0-sources-9-jar/com/sun/xml/bind/v2/schemagen/xmlschema/xmlschema-for-jaxb.rng  
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 * holder.
 */
/**
 * Sets the int[] data to this object.
 *
 * <p>
 * This method doesn't make a copy for a performance reason.
 * The caller is still free to modify the array it passed to this method,
 * but he should do so with a care. The unmarshalling code isn't expecting
```

\* the value to be changed while it's being routed.

\*/

Found in path(s):

\* /opt/cola/permits/1150996732\_1654022864.9866693/0/jaxb-impl-2-3-0-sources-9-jar/com/sun/xml/bind/v2/runtime/unmarshaller/IntArrayData.java

# 1.126 smartmontools 6.6

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 */

/*****
 *
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 *
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 *
 */
```



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- doc/example/pcsc\_demo.c
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## xwd v1.0.7

### xwd utility

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	GL/ glxext.h	Khronos
	GL/ wglxext.h	Khronos
	KHR/ khrplatform.h	Khronos

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include/GL/glxext.h  
include/GL/wglxext.h :

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## 1.135 gorilla 1.7.4

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compiler/cpp/src/generate/t\_hs\_generator.cc  
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compiler/cpp/src/generate/t\_php\_generator.cc  
compiler/cpp/src/generate/t\_py\_generator.cc  
compiler/cpp/src/generate/t\_rb\_generator.cc  
compiler/cpp/src/generate/t\_st\_generator.cc  
compiler/cpp/src/generate/t\_xsd\_generator.cc  
compiler/cpp/src/main.cc  
compiler/cpp/src/parse/t\_field.h  
compiler/cpp/src/parse/t\_program.h

compiler/cpp/src/platform.h  
compiler/cpp/src/thrift.ll  
compiler/cpp/src/thrift.yy  
lib/csharp/src/Protocol/TBinaryProtocol.cs  
lib/csharp/src/Protocol/TField.cs  
lib/csharp/src/Protocol/TList.cs  
lib/csharp/src/Protocol/TMap.cs  
lib/csharp/src/Protocol/TMessage.cs  
lib/csharp/src/Protocol/TMessageType.cs  
lib/csharp/src/Protocol/TProtocol.cs  
lib/csharp/src/Protocol/TProtocolException.cs  
lib/csharp/src/Protocol/TProtocolFactory.cs  
lib/csharp/src/Protocol/TProtocolUtil.cs  
lib/csharp/src/Protocol/TSet.cs  
lib/csharp/src/Protocol/TStruct.cs  
lib/csharp/src/Protocol/TType.cs  
lib/csharp/src/Server/TServer.cs  
lib/csharp/src/Server/TSimpleServer.cs  
lib/csharp/src/Server/TThreadPoolServer.cs  
lib/csharp/src/TApplicationException.cs  
lib/csharp/src/Thrift.csproj  
lib/csharp/src/Thrift.sln  
lib/csharp/src/TProcessor.cs  
lib/csharp/src/Transport/TServerSocket.cs  
lib/csharp/src/Transport/TServerTransport.cs  
lib/csharp/src/Transport/TSocket.cs  
lib/csharp/src/Transport/TStreamTransport.cs  
lib/csharp/src/Transport/TTransport.cs  
lib/csharp/src/Transport/TTransportException.cs  
lib/csharp/src/Transport/TTransportFactory.cs  
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs  
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs  
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj  
lib/rb/lib/thrift.rb  
lib/st/README  
lib/st/thrift.st  
test/OptionalRequiredTest.cpp  
test/OptionalRequiredTest.thrift  
test/ThriftTest.thrift

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For the compiler/cpp/src/md5.[ch] components:

/\*

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bmatsuo

shawnps

theory

jboverfelt

dsymonds

cd1

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Protocol Buffers for Go with Gadgets

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

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#

# Use the following command to generate the list

#

# git shortlog -se | awk '{print \$2 " " \$3 " " \$4}'

#

# and do appropriate cleanups.

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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```
-- $Id: README,v 1.2 2000/03/12 02:39:12 Daniel.Weaver Exp $
```

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```
-----
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-----
```

```
-- $Id: AUTHORS,v 1.2 2006/10/28 21:44:52 tom Exp $
-----
```

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# 1.137 libiconv 1.14\_11

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Version 3, 29 June 2007

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## 1.139 jackson-annotations 2.9.9

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## 1.141 jaxb-core 2.3.0

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jar/com/sun/xml/bind/v2/Messages_pt_BR.properties  
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\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/impl/ModelBuilderI.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/nav/package-info.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/util/ArrayInfoUtil.java

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- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/nav/GenericArrayTypeImpl.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/annotation/XmlIsSet.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/ElementPropertyInfo.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/ClassFactory.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/ValuePropertyInfo.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/nav/ReflectionNavigator.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/nav/TypeVisitor.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/marshaller/Messages.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/TypeInfoSet.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/Messages.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/Util.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/unmarshaller/InfosetScanner.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/LeafInfo.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/ReferencePropertyInfo.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/runtime/RuntimeUtil.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/Messages.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/api/EventListener.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/TODO.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/Element.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/MapPropertyInfo.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/BuiltinLeafInfo.java
- \* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/nav/WildcardTypeImpl.java

\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/annotation/AnnotationReader.java  
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\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/annotation/Locatable.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/WildcardMode.java  
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\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/nav/ParameterizedTypeImpl.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/TypeRef.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/NonElement.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/marshaller/DumbEscapeHandler.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/api/impl/NameConverter.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/nav/SecureLoader.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/runtime/Location.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/util/Which.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/ElementInfo.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/PropertyInfo.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/annotation/OverrideAnnotationOf.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/api/impl/NameUtil.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/unmarshaller/DOMScanner.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/EnumConstant.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/MaybeElement.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/runtime/unmarshaller/LocatorEx.java  
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\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/RegistryInfo.java

\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/TypeInfo.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/schemagen/episode/Bindings.java  
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\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/Ref.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/util/SecureLoader.java  
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\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/runtime/IllegalAnnotationException.java  
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\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/marshaller/MinimumEscapeHandler.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/schemagen/episode/Klass.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/util/EditDistance.java  
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\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/schemagen/episode/SchemaBindings.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/marshaller/DataWriter.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/marshaller/SAX2DOMEx.java  
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\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/runtime/SwaRefAdapterMarker.java  
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\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/WellKnownNamespace.java  
\* /opt/cola/permits/1334904536\_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-jar/com/sun/xml/bind/v2/model/core/PropertyKind.java  
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* /opt/cola/permits/1334904536_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-
jar/com/sun/xml/bind/v2/model/core/package-info.java
* /opt/cola/permits/1334904536_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-
jar/com/sun/xml/bind/annotation/XmlLocation.java
* /opt/cola/permits/1334904536_1653676449.1070127/0/jaxb-core-2-3-0-sources-10-
jar/com/sun/xml/bind/v2/model/core/ID.java
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# 1.142 json-java 20131018

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- \* /opt/cola/permits/1126439541\_1611634442.47/0/json-20131018-sources-jar/org/json/HTTP.java
- \* /opt/cola/permits/1126439541\_1611634442.47/0/json-20131018-sources-jar/org/json/Property.java
- \* /opt/cola/permits/1126439541\_1611634442.47/0/json-20131018-sources-jar/org/json/CookieList.java
- \* /opt/cola/permits/1126439541\_1611634442.47/0/json-20131018-sources-jar/org/json/JSONTokener.java
- \* /opt/cola/permits/1126439541\_1611634442.47/0/json-20131018-sources-jar/org/json/XML.java
- \* /opt/cola/permits/1126439541\_1611634442.47/0/json-20131018-sources-jar/org/json/CDL.java
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# 1.143 pcre 8.40

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Written by: Philip Hazel  
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## 1.144 jopt-simple 4.9

## 1.145 python 2.6

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes

2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.6	2.5	2008	PSF	yes

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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## 1.146 gmp 6.1.2

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## 1.154 apache-log4j 1.2.17

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```
* /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/CharacterIterator.java
* /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/RE.java
* /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/recompile.java
* /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/RESyntaxException.java
* /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/REProgram.java
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* /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/REDebugCompiler.java
* /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/REDemo.java
```

\* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/ReaderCharacterIterator.java  
\* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/CharArrayCharacterIterator.java  
\* /opt/cola/permits/1134796780\_1613422074.14/0/archive-259-zip/RETest.java  
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## 1.159 expat 1.95.6

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## 1.170 curl 7.60.0

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## 1.173 Idb 1.2.840

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```

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```
/*
```

```
* png2pnm.c --- conversion from PNG-file to PGM/PPM-file
```

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\* PNGFILE.C -- Image File Functions

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\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/helpers/ValidationEventLocatorImpl.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/helpers/NotIdentifiableEventImpl.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/DatatypeConverter.java

\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/MarshalException.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/util/Messages.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/helpers/Messages.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/ValidationEventLocator.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/util/JAXBResult.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/Validator.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/helpers/AbstractUnmarshallerImpl.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/ValidationEventHandler.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/helpers/ValidationEventImpl.java  
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\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/helpers/PrintConversionEventImpl.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/helpers/DefaultValidationEventHandler.java  
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\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/helpers/Messages.properties  
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- jar/javax/xml/bind/annotation/XmlAccessorOrder.java
- \* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-
- jar/javax/xml/bind/annotation/XmlAccessType.java
- \* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-
- jar/javax/xml/bind/annotation/XmlAnyAttribute.java
- \* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-
- jar/javax/xml/bind/annotation/XmlMimeType.java
- \* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-
- jar/javax/xml/bind/annotation/XmlSchemaTypes.java
- \* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-
- jar/javax/xml/bind/annotation/XmlMixed.java
- \* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-

jar/javax/xml/bind/annotation/W3CDomHandler.java  
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\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-  
jar/javax/xml/bind/annotation/XmlAnyElement.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/Binder.java  
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\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-  
jar/javax/xml/bind/annotation/XmlElementWrapper.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-  
jar/javax/xml/bind/annotation/XmlList.java

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\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-jar/javax/xml/bind/annotation/package.html

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jar/javax/xml/bind/JAXBPermission.java  
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jar/javax/xml/bind/WhiteSpaceProcessor.java  
\* /opt/cola/permits/1278352604\_1654022869.4097037/0/jaxb-api-2-2-11-sources-  
jar/javax/xml/bind/DatatypeConverterImpl.java

## 1.187 xmlunit-legacy 2.3.0

## 1.188 tomcat-catalina-ha 8.5.32

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# 1.194 slf4j 1.7.16

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  <head>
    <meta http-equiv="content-type" content="text/html; charset=iso-8859-1" />
    <title>SLF4J License</title>
    <link rel="stylesheet" type="text/css" media="screen" href="css/site.css" />
  </head>
  <body>
    <script type="text/javascript">prefix=";</script>

    <script src="templates/header.js" type="text/javascript"></script>
    <div id="left">
      <script src="templates/left.js" type="text/javascript"></script>
    </div>
    <div id="content">

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# 1.195 python 2.7.18

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |

|               |       |          |     |     |
|---------------|-------|----------|-----|-----|
| 2.1.2         | 2.1.1 | 2002     | PSF | yes |
| 2.1.3         | 2.1.2 | 2002     | PSF | yes |
| 2.2 and above | 2.1.1 | 2001-now | PSF | yes |

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Bundle-SymbolicName: com.sun.istack.commons-runtime  
Implementation-Version: 3.0.5  
Built-By: build  
Bnd-LastModified: 1486772850426  
Bundle-ManifestVersion: 2  
Implementation-Vendor-Id: com.sun.istack  
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Bundle-Vendor: Oracle Corporation  
Import-Package: javax.activation,javax.xml.namespace,javax.xml.stream,org.xml.sax,org.xml.sax.helpers  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"  
Tool: Bnd-3.2.0.201605172007  
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Bundle-Name: istack common utility code runtime  
Bundle-Version: 3.0.5  
Implementation-Build-Id: tags/istack-commons-3.0.5-321, 2017-02-11T01:27:24+0100  
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Current ncurses maintainer: Thomas Dickey <[dickey@invisible-island.net](mailto:dickey@invisible-island.net)>

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This package is used for testing builds of `ncurses`.

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Julian Seward, Cambridge, UK.

jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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## 1.203 go-shellwords 1.0.10

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## 1.207 protobuf-java 2.2.0

## 1.208 heimdal 1.5.2

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@heading Doug Rabson

GSS-API mechglue layer.

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@table @asis

@item GSS-API CFX, SPNEGO, naming extensions, API extensions.

@item KCM credential cache.

@item HDB LDAP backend.

@end table

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Fortuna in libhcrypto

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Camellia in libhcrypto

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vis.c in libroken

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

@author Paulo Barreto <paulo.barreto@terra.com.br>

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kdc/announce.c

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@heading Richard Outerbridge

DES core in libcrypto

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D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge. Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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(GEnie : OUTER; CIS : [71755,204]) Graven Imagery, 1992.

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Windows support

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@heading Novell, Inc

lib/hcrypto/test\_dh.c



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/\*\*

\* Utf8 Appendable abstract base class

\*  
 \* This abstract class wraps a standard { @link java.lang.Appendable } and provides methods to append UTF-8 encoded bytes, that are converted into characters.  
 \*  
 \* This class is stateful and up to 4 calls to { @link #append(byte) } may be needed before state a character is appended to the string buffer.  
 \*  
 \* The UTF-8 decoding is done by this class and no additional buffers or Readers are used. The UTF-8 code was inspired by  
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 \*  
 \* License information for Bjoern Hoehrmann's code:  
 \*  
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jar/org/eclipse/jetty/util/ssl/SslContextFactory.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/Loader.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/thread/ThreadPool.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/security/Password.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/security/Credential.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/ssl/AliasedX509KeyManager.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/Trie.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/IntrospectionUtil.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/statistic/package-info.java  
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jar/org/eclipse/jetty/util/ByteArrayISO8859Writer.java  
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jar/org/eclipse/jetty/util/preventers/AbstractLeakPreventer.java  
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jar/org/eclipse/jetty/util/statistic/CounterStatistic.java  
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jar/org/eclipse/jetty/util/log/JavaUtilLog.java  
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jar/org/eclipse/jetty/util/thread/ScheduledExecutorScheduler.java  
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jar/org/eclipse/jetty/util/resource/ResourceFactory.java  
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\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/HostMap.java  
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jar/org/eclipse/jetty/util/preventers/AppContextLeakPreventer.java  
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jar/org/eclipse/jetty/util/ssl/AliasedX509ExtendedKeyManager.java  
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\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
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\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
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jar/org/eclipse/jetty/util/log/StdErrLog.java  
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jar/org/eclipse/jetty/util/CountingCallback.java  
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\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/Scanner.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/ArrayUtil.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/LazyList.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
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jar/org/eclipse/jetty/util/resource/BadResource.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/MultiMap.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/resource/JarFileResource.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/preventers/package-info.java  
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jar/org/eclipse/jetty/util/ArrayQueue.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/StringUtil.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/log/JettyAwareLogger.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-  
jar/org/eclipse/jetty/util/MultiPartInputStreamParser.java  
\* /opt/cola/permits/1001069512\_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-



```
jar/org/eclipse/jetty/util/ConcurrentHashSet.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/preventers/GCThreadLeakPreventer.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/log/Log.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/AbstractTrie.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/log/LoggerLog.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/IteratingCallback.java
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/annotation/ManagedAttribute.java
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```

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/**
 * @param c Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
 *      2=DC_CONFIDENTIAL
 */
/**
 * @return Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
 *      2=DC_CONFIDENTIAL
 */
```

```
Found in path(s):
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/util/security/Constraint.java
No license file was found, but licenses were detected in source scan.
```

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```
Found in path(s):
* /opt/cola/permits/1001069512_1651084482.54/0/jetty-util-9-2-13-v20150730-sources-jar/about.html
```

# 1.210 tomcat-servlet-api 8.5.32

## 1.210.1 Available under license :

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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd

may be obtained from:

<http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html>

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- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd

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## 1.213 gnu-crypto 2.0.1

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## 1.214 tomcat-jasper 8.5.32

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## 1.215 tcpdump 4.9.2

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- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
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- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd

- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
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- web-fragment\_3\_0.xsd
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- javaee\_5.xsd
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- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
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# 1.218 jetty-util 9.4.16.v20190411

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\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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\* org.eclipse.jetty.orbit:javax.security.auth.message

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\* org.eclipse.jetty.orbit:javax.mail.glassfish

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

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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\* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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Apache

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

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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

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- \* /opt/cola/permits/1028157840\_1654022864.2536578/0/jakarta-inject-2-5-0-sources-jar/javax/inject/Qualifier.java
- \* /opt/cola/permits/1028157840\_1654022864.2536578/0/jakarta-inject-2-5-0-sources-jar/javax/inject/package-info.java
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## 1.225 go-playground-validator 10.2.0

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## 1.226 gdb 6.1.1

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```

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```
#ifndef X86_BSD_NAT_H
#define X86_BSD_NAT_H

#include "x86-nat.h"

/* Low level x86 XSAVE info. */
extern size_t x86bsd_xsave_len;

/* A prototype *BSD/x86 target. */

template<typename BaseTarget>
class x86bsd_nat_target : public x86_nat_target<BaseTarget>
{
  using base_class = x86_nat_target<BaseTarget>;
public:
#ifdef HAVE_PT_GETDBREGS
  void mourn_inferior () override
  {
    x86_cleanup_dregs ();
    base_class::mourn_inferior ();
  }
#endif /* HAVE_PT_GETDBREGS */
};

#endif /* x86-bsd-nat.h */

@ignore
@c Set file name and title for man page.
@setfilename gpl
@settitle GNU General Public License
```

@c man begin SEEALSO

gfdl(7), fsf-funding(7).

@c man end

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#include "x86-bsd-nat.h"

/* Helper functions. See definitions. */
extern void amd64bsd_fetch_inferior_registers (struct regcache *regcache,
        int regnum);
extern void amd64bsd_store_inferior_registers (struct regcache *regcache,
        int regnum);

/* A prototype *BSD/AMD64 target. */

template<typename BaseTarget>
class amd64_bsd_nat_target : public x86bsd_nat_target<BaseTarget>
{
public:
    void fetch_registers (struct regcache *regcache, int regnum) override
    { amd64bsd_fetch_inferior_registers (regcache, regnum); }

    void store_registers (struct regcache *regcache, int regnum) override
    { amd64bsd_store_inferior_registers (regcache, regnum); }
};

#endif /* i386-bsd-nat.h */

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```

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```
#ifndef I386_BSD_NAT_H
#define I386_BSD_NAT_H
```

```
/* Helper functions. See definitions. */
extern void i386bsd_fetch_inferior_registers (struct regcache *regcache,
                                             int regnum);
extern void i386bsd_store_inferior_registers (struct regcache *regcache,
                                             int regnum);
```

```
/* A prototype *BSD/i386 target. */
```

```
template<typename BaseTarget>
class i386_bsd_nat_target : public x86bsd_nat_target<BaseTarget>
{
public:
    void fetch_registers (struct regcache *regcache, int regnum) override
    { i386bsd_fetch_inferior_registers (regcache, regnum); }

    void store_registers (struct regcache *regcache, int regnum) override
    { i386bsd_store_inferior_registers (regcache, regnum); }
};
```

```
#endif /* i386-bsd-nat.h */
```

```
/* BSD Kernel Data Access Library (libkvm) interface.
```

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```
#define _KMEMUSER
```

```
#include "defs.h"
```

```
#include "cli/cli-cmds.h"
```

```
#include "command.h"
```

```
#include "frame.h"
```

```
#include "regcache.h"
```

```
#include "target.h"
```

```
#include "process-stratum-target.h"
```

```
#include "value.h"
```

```
#include "gdbcore.h"
```

```
#include "inferior.h" /* for get_exec_file */
```

```
#include "gdbthread.h"
```

```
#include <fcntl.h>
```

```
#include <kvm.h>
```

```
#ifdef HAVE_NLIST_H
```

```
#include <nlist.h>
```

```
#endif
```

```
#include <paths.h>
```

```
#include "readline/readline.h"
```

```
#include <sys/param.h>
```

```
#include <sys/proc.h>
```

```
#ifdef HAVE_SYS_USER_H
```

```
#include <sys/user.h>
```

```
#endif
```

```
#include "bsd-kvm.h"
```



```

/* Kernel memory device file. */
static const char *bsd_kvm_corefile;

/* Kernel memory interface descriptor. */
static kvm_t *core_kd;

/* Address of process control block. */
static struct pcb *bsd_kvm_paddr;

/* Pointer to architecture-specific function that reconstructs the
   register state from PCB and supplies it to REGCACHE. */
static int (*bsd_kvm_supply_pcb)(struct regcache *regcache, struct pcb *pcb);

/* This is the ptid we use while we're connected to kvm. The kvm
   target currently doesn't export any view of the running processes,
   so this represents the kernel task. */
static ptid_t bsd_kvm_ptid;

/* The libkvm target. */

static const target_info bsd_kvm_target_info = {
    "kvm",
    N_("Kernel memory interface"),
    N_("Use a kernel virtual memory image as a target.\n\
Optionally specify the filename of a core dump.")
};

class bsd_kvm_target final : public process_stratum_target
{
public:
    bsd_kvm_target () = default;

    const target_info &info () const override
    { return bsd_kvm_target_info; }

    void close () override;

    void fetch_registers (struct regcache *, int) override;
    enum target_xfer_status xfer_partial (enum target_object object,
        const char *annex,
        gdb_byte *readbuf,
        const gdb_byte *writebuf,
        ULONGEST offset, ULONGEST len,
        ULONGEST *xfered_len) override;

    void files_info () override;
    bool thread_alive (ptid_t ptid) override;
    const char *pid_to_str (ptid_t) override;

```

```

bool has_memory () override { return true; }
bool has_stack () override { return true; }
bool has_registers () override { return true; }
};

/* Target ops for libkvm interface. */
static bsd_kvm_target bsd_kvm_ops;

static void
bsd_kvm_target_open (const char *arg, int from_tty)
{
    char errbuf[_POSIX2_LINE_MAX];
    char *execfile = NULL;
    kvm_t *temp_kd;
    char *filename = NULL;

    target_preopen (from_tty);

    if (arg)
    {
        char *temp;

        filename = tilde_expand (arg);
        if (filename[0] != '/')
        {
            temp = concat (current_directory, "/", filename, (char *)NULL);
            xfree (filename);
            filename = temp;
        }
    }

    execfile = get_exec_file (0);
    temp_kd = kvm_openfiles (execfile, filename, NULL,
        write_files ? O_RDWR : O_RDONLY, errbuf);
    if (temp_kd == NULL)
        error ("%s", errbuf);

    bsd_kvm_corefile = filename;
    unpush_target (&bsd_kvm_ops);
    core_kd = temp_kd;
    push_target (&bsd_kvm_ops);

    add_thread_silent (bsd_kvm_ptid);
    inferior_ptid = bsd_kvm_ptid;

    target_fetch_registers (get_current_regcache (), -1);

```

```

reinit_frame_cache ();
print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}

void
bsd_kvm_target::close ()
{
if (core_kd)
{
if (kvm_close (core_kd) == -1)
warning ("%s", kvm_geterr(core_kd));
core_kd = NULL;
}

inferior_ptid = null_ptid;
discard_all_inferiors ();
}

static LONGEST
bsd_kvm_xfer_memory (CORE_ADDR addr, ULONGEST len,
gdb_byte *readbuf, const gdb_byte *writebuf)
{
ssize_t nbytes = len;

if (readbuf)
nbytes = kvm_read (core_kd, addr, readbuf, nbytes);
if (writebuf && nbytes > 0)
nbytes = kvm_write (core_kd, addr, writebuf, nbytes);
return nbytes;
}

enum target_xfer_status
bsd_kvm_target::xfer_partial (enum target_object object,
const char *annex, gdb_byte *readbuf,
const gdb_byte *writebuf,
ULONGEST offset, ULONGEST len, ULONGEST *xfered_len)
{
switch (object)
{
{
case TARGET_OBJECT_MEMORY:
{
LONGEST ret = bsd_kvm_xfer_memory (offset, len, readbuf, writebuf);

if (ret < 0)
return TARGET_XFER_E_IO;
else if (ret == 0)
return TARGET_XFER_EOF;
else

```

```

    {
        *xfered_len = (ULONGEST) ret;
        return TARGET_XFER_OK;
    }
}

default:
    return TARGET_XFER_E_IO;
}

void
bsd_kvm_target::files_info ()
{
    if (bsd_kvm_corefile && strcmp (bsd_kvm_corefile, _PATH_MEM) != 0)
        printf_filtered (_("\tUsing the kernel crash dump %s.\n"),
            bsd_kvm_corefile);
    else
        printf_filtered (_("\tUsing the currently running kernel.\n"));
}

/* Fetch process control block at address PADDR. */

static int
bsd_kvm_fetch_pcb (struct regcache *regcache, struct pcb *paddr)
{
    struct pcb pcb;

    if (kvm_read (core_kd, (unsigned long) paddr, &pcb, sizeof pcb) == -1)
        error ("%s", kvm_geterr (core_kd));

    gdb_assert (bsd_kvm_supply_pcb);
    return bsd_kvm_supply_pcb (regcache, &pcb);
}

void
bsd_kvm_target::fetch_registers (struct regcache *regcache, int regnum)
{
    struct nlist nl[2];

    if (bsd_kvm_paddr)
    {
        bsd_kvm_fetch_pcb (regcache, bsd_kvm_paddr);
        return;
    }

    /* On dumping core, BSD kernels store the faulting context (PCB)
       in the variable "dumppcb". */

```

```

memset (nl, 0, sizeof nl);
nl[0].n_name = "_dumppcb";

if (kvm_nlist (core_kd, nl) == -1)
    error ("%s", kvm_geterr (core_kd));

if (nl[0].n_value != 0)
{
    /* Found dumppcb. If it contains a valid context, return
    immediately. */
    if (bsd_kvm_fetch_pcb (regcache, (struct pcb *) nl[0].n_value))
return;
}

/* Traditional BSD kernels have a process proc0 that should always
be present. The address of proc0's PCB is stored in the variable
"proc0paddr". */

memset (nl, 0, sizeof nl);
nl[0].n_name = "_proc0paddr";

if (kvm_nlist (core_kd, nl) == -1)
    error ("%s", kvm_geterr (core_kd));

if (nl[0].n_value != 0)
{
    struct pcb *paddr;

    /* Found proc0paddr. */
    if (kvm_read (core_kd, nl[0].n_value, &paddr, sizeof paddr) == -1)
error ("%s", kvm_geterr (core_kd));

    bsd_kvm_fetch_pcb (regcache, paddr);
    return;
}

#ifdef HAVE_STRUCT_THREAD_TD_PCB
/* In FreeBSD kernels for 5.0-RELEASE and later, the PCB no longer
lives in `struct proc' but in `struct thread'. The `struct
thread' for the initial thread for proc0 can be found in the
variable "thread0". */

memset (nl, 0, sizeof nl);
nl[0].n_name = "_thread0";

if (kvm_nlist (core_kd, nl) == -1)
    error ("%s", kvm_geterr (core_kd));

```

```

if (nl[0].n_value != 0)
{
    struct pcb *paddr;

    /* Found thread0. */
    nl[0].n_value += offsetof (struct thread, td_pcb);
    if (kvm_read (core_kd, nl[0].n_value, &paddr, sizeof paddr) == -1)
error ("%s", kvm_geterr (core_kd));

    bsd_kvm_fetch_pcb (regcache, paddr);
    return;
}
#endif

/* i18n: PCB == "Process Control Block". */
error (_("Cannot find a valid PCB"));
}

/* Kernel memory interface commands. */
struct cmd_list_element *bsd_kvm_cmdlist;

static void
bsd_kvm_cmd (const char *arg, int fromtty)
{
    /* ??? Should this become an alias for "target kvm"? */
}

#ifndef HAVE_STRUCT_THREAD_TD_PCB

static void
bsd_kvm_proc_cmd (const char *arg, int fromtty)
{
    CORE_ADDR addr;

    if (arg == NULL)
        error_no_arg (_("proc address"));

    if (core_kd == NULL)
        error (_("No kernel memory image."));

    addr = parse_and_eval_address (arg);
#ifdef HAVE_STRUCT_LWP
    addr += offsetof (struct lwp, l_addr);
#else
    addr += offsetof (struct proc, p_addr);
#endif
}

```

```

if (kvm_read (core_kd, addr, &bsd_kvm_paddr, sizeof bsd_kvm_paddr) == -1)
    error (("s"), kvm_geterr (core_kd));

target_fetch_registers (get_current_regcache (), -1);

reinit_frame_cache ();
print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}

#endif

static void
bsd_kvm_pcb_cmd (const char *arg, int fromtty)
{
    if (arg == NULL)
        /* i18n: PCB == "Process Control Block". */
        error_no_arg (_("pcb address"));

    if (core_kd == NULL)
        error (_("No kernel memory image."));

    bsd_kvm_paddr = (struct pcb *) (u_long) parse_and_eval_address (arg);

    target_fetch_registers (get_current_regcache (), -1);

    reinit_frame_cache ();
    print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}

bool
bsd_kvm_target::thread_alive (ptid_t ptid)
{
    return true;
}

const char *
bsd_kvm_target::pid_to_str (ptid_t ptid)
{
    static char buf[64];
    xsnprintf (buf, sizeof buf, "<kvm>");
    return buf;
}

/* Add the libkvm interface to the list of all possible targets and
   register CUPPLY_PCB as the architecture-specific process control
   block interpreter. */

void

```

```

bsd_kvm_add_target (int (*supply_pcb)(struct regcache *, struct pcb *))
{
    gdb_assert (bsd_kvm_supply_pcb == NULL);
    bsd_kvm_supply_pcb = supply_pcb;

    add_target (bsd_kvm_target_info, bsd_kvm_target_open);

    add_prefix_cmd ("kvm", class_obscure, bsd_kvm_cmd, _("\"
Generic command for manipulating the kernel memory interface.\""),
        &bsd_kvm_cmdlist, "kvm ", 0, &cmdlist);

#ifdef HAVE_STRUCT_THREAD_TD_PCB
    add_cmd ("proc", class_obscure, bsd_kvm_proc_cmd,
        _("\"Set current context from proc address\""), &bsd_kvm_cmdlist);
#endif
    add_cmd ("pcb", class_obscure, bsd_kvm_pcb_cmd,
        /* i18n: PCB == "Process Control Block". */
        _("\"Set current context from pcb address\""), &bsd_kvm_cmdlist);

```

/\* Some notes on the ptid usage on this target.

The pid field represents the kvm inferior instance. Currently, we don't support multiple kvm inferiors, but we start at 1 anyway. The lwp field is set to != 0, in case the core wants to refer to the whole kvm inferior with ptid(1,0,0).

If kvm is made to export running processes as gdb threads, the following form can be used:

```

ptid (1, 1, 0) -> kvm inferior 1, in kernel
ptid (1, 1, 1) -> kvm inferior 1, process 1
ptid (1, 1, 2) -> kvm inferior 1, process 2
ptid (1, 1, n) -> kvm inferior 1, process n */

```

```

bsd_kvm_ptid = ptid_t (1, 1, 0);
}
BEGIN {
    FS="\"";
    print "/* ==> Do not modify this file!! \" \
\"-* buffer-read-only: t -* vi\" \
\":set ro: ";
    print " It is created automatically by copying.awk.";
    print " Modify copying.awk instead. <== */";
    print ""
    print "#include \"defs.h\""
    print "#include \"command.h\""
    print "#include \"gdbcmd.h\""
    print ""
    print "static void show_copying_command (const char *, int);"

```



```

print ""
print "static void show_warranty_command (const char *, int);"
print ""
print "static void";
print "show_copying_command (const char *ignore, int from_tty)";
print "{";
}
NR == 1,/^[ ]*15\ Disclaimer of Warranty\.[ ]*$/ {
if ($0 ~ //)
{
printf " printf_filtered (\\n\\n");\n";
}
else if ($0 !~ /^[ ]*15\ Disclaimer of Warranty\.[ ]*$/)
{
printf " printf_filtered (\"";
for (i = 1; i < NF; i++)
printf "%s\\\" ", $i;
printf "%s\\n");\n", $NF;
}
}
/^[ ]*15\ Disclaimer of Warranty\.[ ]*$/ {
print "}";
print "";
print "static void";
print "show_warranty_command (const char *ignore, int from_tty)";
print "{";
}
/^[ ]*15\ Disclaimer of Warranty\.[ ]*$/,/^[ ]*END OF TERMS AND CONDITIONS[ ]*$/ {
if (! ($0 ~ /^[ ]*END OF TERMS AND CONDITIONS[ ]*$/))
{
printf " printf_filtered (\"";
for (i = 1; i < NF; i++)
printf "%s\\\" ", $i;
printf "%s\\n");\n", $NF;
}
}
END {
print "}";
print "";
print "void"
print "_initialize_copying (void)";
print "{";
print " add_cmd (\"copying\", no_set_class, show_copying_command,");
print " _(\"Conditions for redistributing copies of GDB.\"),");
print " &showlist);";
print " add_cmd (\"warranty\", no_set_class, show_warranty_command,");
print " _(\"Various kinds of warranty you do not have.\"),");
print " &showlist);";
}

```

```
print "";  
print " /* For old-timers, allow \"info copying\", etc. */";  
print " add_info (\\"copying\\", show_copying_command,";  
print " _(\\"Conditions for redistributing copies of GDB.\");";  
print " add_info (\\"warranty\\", show_warranty_command,";  
print " _(\\"Various kinds of warranty you do not have.\");";  
print "}";  
}
```

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Version 3, 29 June 2007

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

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

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```
#!/usr/bin/env python
```

```
# Copyright (C) 2011-2019 Free Software Foundation, Inc.
#
# This file is part of GDB.
#
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```

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```
"""copyright.py
```

This script updates the list of years in the copyright notices in most files maintained by the GDB project.

Usage: cd src/gdb && python copyright.py

Always review the output of this script before committing it!

A useful command to review the output is:

```
% filterdiff -x \*.c -x \*.cc -x \*.h -x \*.exp updates.diff
```

This removes the bulk of the changes which are most likely to be correct.

```
"""
```

```
import datetime
import os
import os.path
import subprocess
```

```
def get_update_list():
```

```
    """Return the list of files to update.
```

```
    Assumes that the current working directory when called is the root
    of the GDB source tree (NOT the gdb/ subdirectory!). The names of
    the files are relative to that root directory.
```

```
    """
```

```
    result = []
```

```
    for gdb_dir in ('gdb', 'sim', 'include/gdb'):
```

```
        for root, dirs, files in os.walk(gdb_dir, topdown=True):
```

```
            for dirname in dirs:
```

```
                reldirname = "%s/%s" % (root, dirname)
```

```
                if (dirname in EXCLUDE_ALL_LIST
```

```
                    or reldirname in EXCLUDE_LIST
```

```
                    or reldirname in NOT_FSF_LIST
```

```
                    or reldirname in BY_HAND):
```

```
                    # Prune this directory from our search list.
```

```
                    dirs.remove(dirname)
```

```
            for filename in files:
```

```
                relpath = "%s/%s" % (root, filename)
```

```
                if (filename in EXCLUDE_ALL_LIST
```

```
                    or relpath in EXCLUDE_LIST
```

```
                    or relpath in NOT_FSF_LIST
```

```
                    or relpath in BY_HAND):
```

```
                    # Ignore this file.
```

```
                    pass
```

```
            else:
```

```

        result.append(relpath)
    return result

def update_files(update_list):
    """Update the copyright header of the files in the given list.

    We use gnulib's update-copyright script for that.
    """
    # We want to use year intervals in the copyright notices, and
    # all years should be collapsed to one single year interval,
    # even if there are "holes" in the list of years found in the
    # original copyright notice (OK'ed by the FSF, case [gnu.org #719834]).
    os.environ['UPDATE_COPYRIGHT_USE_INTERVALS'] = '2'

    # Perform the update, and save the output in a string.
    update_cmd = ['bash', 'gdb/gnulib/import/extra/update-copyright']
    update_cmd += update_list

    p = subprocess.Popen(update_cmd, stdout=subprocess.PIPE,
                          stderr=subprocess.STDOUT)
    update_out = p.communicate()[0]

    # Process the output. Typically, a lot of files do not have
    # a copyright notice :-(. The update-copyright script prints
    # a well defined warning when it did not find the copyright notice.
    # For each of those, do a sanity check and see if they may in fact
    # have one. For the files that are found not to have one, we filter
    # the line out from the output, since there is nothing more to do,
    # short of looking at each file and seeing which notice is appropriate.
    # Too much work! (~4,000 files listed as of 2012-01-03).
    update_out = update_out.splitlines()
    warning_string = ': warning: copyright statement not found'
    warning_len = len(warning_string)

    for line in update_out:
        if line.endswith('\n'):
            line = line[:-1]
        if line.endswith(warning_string):
            filename = line[:-warning_len]
            if may_have_copyright_notice(filename):
                print line
        else:
            # Unrecognized file format. !?!
            print "*** " + line

def may_have_copyright_notice(filename):

```

```
"""Check that the given file does not seem to have a copyright notice.
```

The filename is relative to the root directory.

This function assumes that the current working directory is that root directory.

The algorithm is fairly crude, meaning that it might return some false positives. I do not think it will return any false negatives... We might improve this function to handle more complex cases later...

```
"""
```

```
# For now, it may have a copyright notice if we find the word  
# "Copyright" at the (reasonable) start of the given file, say  
# 50 lines...
```

```
MAX_LINES = 50
```

```
fd = open(filename)
```

```
lineno = 1
```

```
for line in fd:
```

```
    if 'Copyright' in line:
```

```
        return True
```

```
    lineno += 1
```

```
    if lineno > 50:
```

```
        return False
```

```
return False
```

```
def main ():
```

```
    """The main subprogram."""
```

```
    if not os.path.isfile("gnulib/import/extra/update-copyright"):
```

```
        print "Error: This script must be called from the gdb directory."
```

```
    root_dir = os.path.dirname(os.getcwd())
```

```
    os.chdir(root_dir)
```

```
    update_list = get_update_list()
```

```
    update_files (update_list)
```

```
# Remind the user that some files need to be updated by HAND...
```

```
if MULTIPLE_COPYRIGHT_HEADERS:
```

```
    print
```

```
    print("\033[31m"
```

```
        "REMINDER: Multiple copyright headers must be updated by hand:"
```

```
        "\033[0m")
```

```
    for filename in MULTIPLE_COPYRIGHT_HEADERS:
```

```
        print " ", filename
```

```

if BY_HAND:
    print
    print "\033[31mREMINDER: The following files must be updated by hand." \
        "\033[0m"
    for filename in BY_HAND:
        print " ", filename

#####
#
# Some constants, placed at the end because they take up a lot of room.
# The actual value of these constants is not significant to the understanding
# of the script.
#
#####

# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,
# or test cases which must be sensitive to line numbering).
#
# Filenames are relative to the root directory.
EXCLUDE_LIST = (
    'gdb/nat/glibc_thread_db.h',
    'gdb/CONTRIBUTE',
    'gdb/gnulib/import'
)

# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,
# or test cases which must be sensitive to line numbering).
#
# Matches any file or directory name anywhere. Use with caution.
# This is mostly for files that can be found in multiple directories.
# Eg: We want all files named COPYING to be left untouched.

EXCLUDE_ALL_LIST = (
    "COPYING", "COPYING.LIB", "CVS", "configure", "copying.c",
    "fdl.texi", "gpl.texi", "aclocal.m4",
)

# The list of files to update by hand.
BY_HAND = (
    # Nothing at the moment :-).
)

# Files containing multiple copyright headers. This script is only
# fixing the first one it finds, so we need to finish the update
# by hand.
MULTIPLE_COPYRIGHT_HEADERS = (

```

```
"gdb/doc/gdb.texinfo",
"gdb/doc/refcard.tex",
"gdb/gdbarch.sh",
)
```

```
# The list of file which have a copyright, but not head by the FSF.
```

```
# Filenames are relative to the root directory.
```

```
NOT_FSF_LIST = (
```

```
"gdb/exc_request.defs",
"gdb/gdbtk",
"gdb/testsuite/gdb.gdbtk/",
"sim/arm/armemu.h", "sim/arm/armos.c", "sim/arm/gdbhost.c",
"sim/arm/dbg_hif.h", "sim/arm/dbg_conf.h", "sim/arm/communicate.h",
"sim/arm/armos.h", "sim/arm/armcopro.c", "sim/arm/armemu.c",
"sim/arm/kid.c", "sim/arm/thumbemu.c", "sim/arm/armdefs.h",
"sim/arm/armopts.h", "sim/arm/dbg_cp.h", "sim/arm/dbg_rdi.h",
"sim/arm/parent.c", "sim/arm/armsupp.c", "sim/arm/armrdi.c",
"sim/arm/bag.c", "sim/arm/armvirt.c", "sim/arm/main.c", "sim/arm/bag.h",
"sim/arm/communicate.c", "sim/arm/gdbhost.h", "sim/arm/armfpe.h",
"sim/arm/arminit.c",
"sim/common/cgen-fpu.c", "sim/common/cgen-fpu.h",
"sim/common/cgen-accfc.c",
"sim/mips/m16run.c", "sim/mips/sim-main.c",
"sim/moxie/moxie-gdb.dts",
# Not a single file in sim/ppc/ appears to be copyright FSF :-(.
"sim/ppc/filter.h", "sim/ppc/gen-support.h", "sim/ppc/ld-insn.h",
"sim/ppc/hw_sem.c", "sim/ppc/hw_disk.c", "sim/ppc/idecode_branch.h",
"sim/ppc/sim-endian.h", "sim/ppc/table.c", "sim/ppc/hw_core.c",
"sim/ppc/gen-support.c", "sim/ppc/gen-semantic.h", "sim/ppc/cpu.h",
"sim/ppc/sim_callbacks.h", "sim/ppc/RUN", "sim/ppc/Makefile.in",
"sim/ppc/emul_chirp.c", "sim/ppc/hw_nvram.c", "sim/ppc/dc-test.01",
"sim/ppc/hw_phb.c", "sim/ppc/hw_eeeprom.c", "sim/ppc/bits.h",
"sim/ppc/hw_vm.c", "sim/ppc/cap.h", "sim/ppc/os_emul.h",
"sim/ppc/options.h", "sim/ppc/gen-idecode.c", "sim/ppc/filter.c",
"sim/ppc/corefile-n.h", "sim/ppc/std-config.h", "sim/ppc/ld-decode.h",
"sim/ppc/filter_filename.h", "sim/ppc/hw_shm.c",
"sim/ppc/pk_disklabel.c", "sim/ppc/dc-simple", "sim/ppc/misc.h",
"sim/ppc/device_table.h", "sim/ppc/ld-insn.c", "sim/ppc/inline.c",
"sim/ppc/emul_bugapi.h", "sim/ppc/hw_cpu.h", "sim/ppc/debug.h",
"sim/ppc/hw_ide.c", "sim/ppc/debug.c", "sim/ppc/gen-itable.h",
"sim/ppc/interrupts.c", "sim/ppc/hw_glue.c", "sim/ppc/emul_unix.c",
"sim/ppc/sim_calls.c", "sim/ppc/dc-complex", "sim/ppc/ld-cache.c",
"sim/ppc/registers.h", "sim/ppc/dc-test.02", "sim/ppc/options.c",
"sim/ppc/igen.h", "sim/ppc/registers.c", "sim/ppc/device.h",
"sim/ppc/emul_chirp.h", "sim/ppc/hw_register.c", "sim/ppc/hw_init.c",
"sim/ppc/sim-endian-n.h", "sim/ppc/filter_filename.c",
"sim/ppc/bits.c", "sim/ppc/idecode_fields.h", "sim/ppc/hw_memory.c",
"sim/ppc/misc.c", "sim/ppc/double.c", "sim/ppc/psim.h",
```



```
"sim/ppc/hw_trace.c", "sim/ppc/emul_netbsd.h", "sim/ppc/psim.c",  
"sim/ppc/ppc-instructions", "sim/ppc/tree.h", "sim/ppc/README",  
"sim/ppc/gen-icache.h", "sim/ppc/gen-model.h", "sim/ppc/ld-cache.h",  
"sim/ppc/mon.c", "sim/ppc/corefile.h", "sim/ppc/vm.c",  
"sim/ppc/INSTALL", "sim/ppc/gen-model.c", "sim/ppc/hw_cpu.c",  
"sim/ppc/corefile.c", "sim/ppc/hw_opic.c", "sim/ppc/gen-icache.c",  
"sim/ppc/events.h", "sim/ppc/os_emul.c", "sim/ppc/emul_generic.c",  
"sim/ppc/main.c", "sim/ppc/hw_com.c", "sim/ppc/gen- semantics.c",  
"sim/ppc/emul_bugapi.c", "sim/ppc/device.c", "sim/ppc/emul_generic.h",  
"sim/ppc/tree.c", "sim/ppc/mon.h", "sim/ppc/interrupts.h",  
"sim/ppc/cap.c", "sim/ppc/cpu.c", "sim/ppc/hw_phb.h",  
"sim/ppc/device_table.c", "sim/ppc/lf.c", "sim/ppc/lf.c",  
"sim/ppc/dc-stupid", "sim/ppc/hw_pal.c", "sim/ppc/ppc-spr-table",  
"sim/ppc/emul_unix.h", "sim/ppc/words.h", "sim/ppc/basics.h",  
"sim/ppc/hw_htab.c", "sim/ppc/lf.h", "sim/ppc/ld-decode.c",  
"sim/ppc/sim-endian.c", "sim/ppc/gen-itable.c",  
"sim/ppc/idecode_expression.h", "sim/ppc/table.h", "sim/ppc/dgen.c",  
"sim/ppc/events.c", "sim/ppc/gen-idecode.h", "sim/ppc/emul_netbsd.c",  
"sim/ppc/igen.c", "sim/ppc/vm_n.h", "sim/ppc/vm.h",  
"sim/ppc/hw_iobus.c", "sim/ppc/inline.h",  
"sim/testsuite/sim/bfin/s21.s", "sim/testsuite/sim/mips/mips32-dsp2.s",  
)
```

```
if __name__ == "__main__":
```

```
    main()
```

```
    GNU LIBRARY GENERAL PUBLIC LICENSE
```

```
        Version 2, June 1991
```

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

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<signature of Ty Coon>, 1 April 1990  
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## 1.227 icu 36

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## -\*-makefile-\*-

## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, \*BSD)

## Copyright (c) 1999-2006, International Business Machines Corporation and

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## Commands to generate dependency files

GEN\_DEPS.c= \$(CC) -E -MM \$(DEFS) \$(CPPFLAGS)

```

GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.${STATIC_O}: $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.${STATIC_O}: $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

```

```
## Versioned libraries rules
```

```
%.${SO}.${SO_TARGET_VERSION_MAJOR}: %.${SO}.${SO_TARGET_VERSION}  
$(RM) $@ && ln -s ${<F} $@  
%.${SO}: %.${SO}.${SO_TARGET_VERSION_MAJOR}  
$(RM) $@ && ln -s ${*F}.${SO}.${SO_TARGET_VERSION} $@
```

```
## End FreeBSD-specific setup
```

## 1.228 binutils 2.30

### 1.228.1 Available under license :

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Version 2, June 1991

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(This file is under construction.) -\*- text -\*-

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+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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## 1.230 zjsonpatch 0.2.1

# 1.231 Idns 1.6.17

## 1.231.1 Available under license :

```
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*/
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# install - install a program, script, or datafile

scriptversion=2009-04-28.21; # UTC

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```

```
""" Easy DNS (including DNSSEC) via Idns.
```

Idns is a great library. It is a powerfull tool for working with DNS. python-ldns it is a straight up clone of the C interface, however that is not a very good interface for python. Its documentation is incomplete and some functions don't work as described. And some objects don't have a full python API.

ldnsx aims to fix this. It wraps around the ldns python bindings, working around its limitations and providing a well-documented, more pythonistic interface.

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## 1.232 jakarta-ws-rs-api 2.1.5

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Mesa 3-D graphics library

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```
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include/GL/glxext.h
include/GL/wglxext.h :
```

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## DOM Level 3 Core Specification v1.0

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file\_io/unix/mktemp.c, strings/apr\_strings.c:

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From network\_io/unix/inet\_ntop.c, network\_io/unix/inet\_pton.c:

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From dso/aix/dso.c:

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From strings/apr\_strnatcmp.c, include/apr\_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.  
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From strings/apr\_snprintf.c:

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*  
* cvt - IEEE floating point formatting routines.  
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- \* /opt/cola/permits/1000000713\_1654022962.973248/0/osgi-resource-locator-1-0-1-sources-jar/org/glassfish/hk2/osgiresourcelocator/ResourceFinderImpl.java
- \* /opt/cola/permits/1000000713\_1654022962.973248/0/osgi-resource-locator-1-0-1-sources-jar/org/glassfish/hk2/osgiresourcelocator/ServiceLoaderImpl.java
- \* /opt/cola/permits/1000000713\_1654022962.973248/0/osgi-resource-locator-1-0-1-sources-jar/org/glassfish/hk2/osgiresourcelocator/Activator.java
- \* /opt/cola/permits/1000000713\_1654022962.973248/0/osgi-resource-locator-1-0-1-sources-jar/org/glassfish/hk2/osgiresourcelocator/ServiceLoader.java
- \* /opt/cola/permits/1000000713\_1654022962.973248/0/osgi-resource-locator-1-0-1-sources-jar/org/glassfish/hk2/osgiresourcelocator/ResourceFinder.java

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jar/com/zaxxer/hikari/HikariJNDIFactory.java
 * /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-
jar/com/zaxxer/hikari/pool/BaseHikariPool.java
 * /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-
jar/com/zaxxer/hikari/metrics/CodaHaleMetricsTracker.java
 * /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-
jar/com/zaxxer/hikari/pool/HikariPool.java
 * /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-
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```

Found in path(s):

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/pool/PoolInitializationException.java

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Found in path(s):

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/proxy/StatementProxy.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/proxy/ClosedConnection.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/pool/HikariPoolMXBean.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/hibernate/HikariConfigurationUtil.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/IConnectionCustomizer.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/HikariDataSource.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/pool/HikariMBeanElf.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/HikariConfigMXBean.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/hibernate/HikariConnectionProvider.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/proxy/PreparedStatementProxy.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/util/PropertyBeanSetter.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/proxy/CallableStatementProxy.java

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/util/UtilityElf.java



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```
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jar/com/zaxxer/hikari/metrics/CodahaleHealthChecker.java
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-
jar/com/zaxxer/hikari/pool/PoolBagEntry.java
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-
jar/com/zaxxer/hikari/util/ICurrentBagEntry.java
```

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```
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-
jar/com/zaxxer/hikari/util/FastList.java
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-
jar/com/zaxxer/hikari/util/Java6ConcurrentBag.java
```

\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/util/DriverDataSource.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/util/JavassistProxyFactory.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/util/ConcurrentBag.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/util/ClassLoaderUtils.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/proxy/ConnectionProxy.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/proxy/ResultSetProxy.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/proxy/IHikariConnectionProxy.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/util/IBagStateListener.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/pool/GlobalPoolLock.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/proxy/ProxyFactory.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/pool/LeakTask.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/AbstractHikariConfig.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/HikariConfig.java  
\* /opt/cola/permits/1184455681\_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/util/DefaultThreadFactory.java

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- \* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

- \* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

- \* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream`

classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

\* admin/check-style.sh, admin/check-style-common.awk,  
admin/check-style-cpp.awk, admin/check-style-shell.awk: These files,  
except the first one, were first implemented in the Buildtool project.  
They were later adapted to be part of Boost.Process and, during that  
process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

```
=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
```

```
<!--
```

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```

```
-->
```

```
<!-- $Id$ -->
```

```
<!-- Generate ISC copyright comments from Docbook copyright metadata. -->
```

```
<xsl:stylesheet version="1.0"
```

```
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
```

```
  xmlns:xi="http://www.w3.org/2001/XInclude"
```

```
  xmlns:db="http://docbook.org/ns/docbook">
```

```
<xsl:template name="isc.copyright.format">
```

```
  <xsl:param name="text"/>
```

```
  <xsl:value-of select="$isc.copyright.leader"/>
```

```
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
```

```
  <xsl:text>&#10;</xsl:text>
```

```
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
```

```
  <xsl:if test="translate($rest, '&#9;&#32;', '')">
```

```
    <xsl:call-template name="isc.copyright.format">
```

```
      <xsl:with-param name="text" select="$rest"/>
```

```
    </xsl:call-template>
```

```
  </xsl:if>
```

```
</xsl:template>
```

```
<xsl:variable name="isc.copyright.text">
```

```
  <xsl:text>
```

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```
</xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="year"/>
        </xsl:call-template>
        <xsl:text> </xsl:text>
        <xsl:value-of select="holder"/>
        <xsl:value-of select="$isc.copyright.breakline"/>
        <xsl:text>&#10;</xsl:text>
      </xsl:for-each>
      <xsl:value-of select="$isc.copyright.text"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:variable>
</xsl:stylesheet>
```

<!--

- Local variables:
- mode: sgml
- End:

-->

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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 functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

6. As an exception to the Sections above, you may also compile 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) 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.
- c) 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.
- d) 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 source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

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

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

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

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Boston, MA 02111-1307 USA.

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

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

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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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

That's all there is to it!

## 1.259 lua 5.2.4

## 1.260 jackson-jaxrs-base 2.9.9

### 1.260.1 Available under license :

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## 1.261 jackson-mapper-asl 1.0.1

# 1.262 thrift 0.10.0

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compiler/cpp/Makefile.am  
compiler/cpp/src/generate/t\_cocoa\_generator.cc  
compiler/cpp/src/generate/t\_cpp\_generator.cc  
compiler/cpp/src/generate/t\_csharp\_generator.cc  
compiler/cpp/src/generate/t\_erl\_generator.cc  
compiler/cpp/src/generate/t\_hs\_generator.cc  
compiler/cpp/src/generate/t\_java\_generator.cc  
compiler/cpp/src/generate/t\_ocaml\_generator.cc

compiler/cpp/src/generate/t\_perl\_generator.cc  
compiler/cpp/src/generate/t\_php\_generator.cc  
compiler/cpp/src/generate/t\_py\_generator.cc  
compiler/cpp/src/generate/t\_rb\_generator.cc  
compiler/cpp/src/generate/t\_st\_generator.cc  
compiler/cpp/src/generate/t\_xsd\_generator.cc  
compiler/cpp/src/main.cc  
compiler/cpp/src/parse/t\_field.h  
compiler/cpp/src/parse/t\_program.h  
compiler/cpp/src/platform.h  
compiler/cpp/src/thrift.ll  
compiler/cpp/src/thrift.yy  
lib/csharp/src/Protocol/TBinaryProtocol.cs  
lib/csharp/src/Protocol/TField.cs  
lib/csharp/src/Protocol/TList.cs  
lib/csharp/src/Protocol/TMap.cs  
lib/csharp/src/Protocol/TMessage.cs  
lib/csharp/src/Protocol/TMessageType.cs  
lib/csharp/src/Protocol/TProtocol.cs  
lib/csharp/src/Protocol/TProtocolException.cs  
lib/csharp/src/Protocol/TProtocolFactory.cs  
lib/csharp/src/Protocol/TProtocolUtil.cs  
lib/csharp/src/Protocol/TSet.cs  
lib/csharp/src/Protocol/TStruct.cs  
lib/csharp/src/Protocol/TType.cs  
lib/csharp/src/Server/TServer.cs  
lib/csharp/src/Server/TSimpleServer.cs  
lib/csharp/src/Server/TThreadPoolServer.cs  
lib/csharp/src/TApplicationException.cs  
lib/csharp/src/Thrift.csproj  
lib/csharp/src/Thrift.sln  
lib/csharp/src/TProcessor.cs  
lib/csharp/src/Transport/TServerSocket.cs  
lib/csharp/src/Transport/TServerTransport.cs  
lib/csharp/src/Transport/TSocket.cs  
lib/csharp/src/Transport/TStreamTransport.cs  
lib/csharp/src/Transport/TTransport.cs  
lib/csharp/src/Transport/TTransportException.cs  
lib/csharp/src/Transport/TTransportFactory.cs  
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs  
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs  
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj  
lib/rb/lib/thrift.rb  
lib/st/README  
lib/st/thrift.st  
test/OptionalRequiredTest.cpp  
test/OptionalRequiredTest.thrift  
test/ThriftTest.thrift

-----  
For the aclocal/ax\_boost\_base.m4 and contrib/fb303/aclocal/ax\_boost\_base.m4 components:

```
# Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>
#
# Copying and distribution of this file, with or without
# modification, are permitted in any medium without royalty provided
# the copyright notice and this notice are preserved.
```

-----  
For the compiler/cpp/src/md5.[ch] components:

```
/*
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```

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L. Peter Deutsch  
ghost@aladdin.com

```
*/
```

-----  
For the lib/rb/setup.rb: Copyright (c) 2000-2005 Minero Aoki,  
lib/ocaml/OCamlMakefile and lib/ocaml/README-OCamlMakefile components:  
Copyright (C) 1999 - 2007 Markus Mottl

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Version 2.1, February 1999

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

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

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

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

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

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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.

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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.

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.

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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.

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.

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Eclipse

The following artifacts are EPL.

\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons  
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

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

-----  
MortBay

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

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

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

-----  
Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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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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## 1.268 libjpeg 6b

### 1.268.1 Notifications :

This software is based in part on the work of the Independent JPEG Group.

### 1.268.2 Available under license :

The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

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This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

#### DOCUMENTATION ROADMAP

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This file contains the following sections:

OVERVIEW      General description of JPEG and the IJG software.

LEGAL ISSUES      Copyright, lack of warranty, terms of distribution.  
REFERENCES        Where to learn more about JPEG.  
ARCHIVE LOCATIONS Where to find newer versions of this software.  
RELATED SOFTWARE Other stuff you should get.  
FILE FORMAT WARS Software \*not\* to get.  
TO DO              Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.doc      How to configure and install the IJG software.  
usage.doc        Usage instructions for cjpeg, djpeg, jpegtran,  
                    rdjpgcom, and wrjpgcom.  
\*.1              Unix-style man pages for programs (same info as usage.doc).  
wizard.doc      Advanced usage instructions for JPEG wizards only.  
change.log      Version-to-version change highlights.

Programmer and internal documentation:

libjpeg.doc     How to use the JPEG library in your own programs.  
example.c       Sample code for calling the JPEG library.  
structure.doc   Overview of the JPEG library's internal structure.  
filelist.doc    Road map of IJG files.  
coderules.doc   Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

## OVERVIEW

=====

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive

compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright



by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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## REFERENCES

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We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG

sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department  
C-Cube Microsystems, Inc.  
1778 McCarthy Blvd.  
Milpitas, CA 95035  
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at <ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2

(Compression tag 7). Copies of this Note can be obtained from [ftp.sgi.com](ftp://ftp.sgi.com) or from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from <ftp://ftp.sgi.com/graphics/tiff/>.

## ARCHIVE LOCATIONS

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The "official" archive site for this software is <ftp.uu.net> (Internet address 192.48.96.9). The most recent released version can always be found there in directory [graphics/jpeg](ftp://ftp.uu.net/graphics/jpeg/). This particular version will be archived as <ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz>. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact [help@uunet.uu.net](mailto:help@uunet.uu.net) for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only <ftp.uu.net> is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (<ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/>), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the <ftp.uu.net> release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups [comp.graphics.misc](news:comp.graphics.misc), [news.answers](news:news.answers), and other groups. It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other [news.answers](news:news.answers) archive sites, including the official [news.answers](news:news.answers) archive at [rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/](ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/). If you don't have Web or FTP access, send e-mail to [mail-server@rtfm.mit.edu](mailto:mail-server@rtfm.mit.edu) with body

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## RELATED SOFTWARE

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Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably <ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/>. Unfortunately PBPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

## FILE FORMAT WARS

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Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help

force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

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The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to [jpeg-info@uunet.uu.net](mailto:jpeg-info@uunet.uu.net).

## 1.269 expat 2.0.0

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jar/com/mastfrog/jackson/JavaTimeConfigurer.java  
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jar/com/mastfrog/jackson/LocaleJacksonConfigurer.java  
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Date: /28/08/06

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Version: GnuPG v1.0.7 (GNU/Linux)

iD8DBQFE85cgaq9Frj/CIrIRAmuJAKCFgi4W0UOH8IU<sub>n</sub>+SV6PBHRF3BnLgCcDqqC  
Zokttk0bTHfwaa5TtxQbScw=



=N/w/

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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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Date: 2012-07-17

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Version: GnuPG v1.4.10 (GNU/Linux)

```
iQEcBAEBAGBQJQBb4tAAoJEMHhjBmtgF91HDcH/2nQDPuPztWFrBifnEoLF6Jl
RUKfJzAPZaLDtDMfiDz7ucdRL1RDodmz4VIF2+fbKeBYQuZXfXIeEghz+tKriK3
0M12guFkNLDteQp9h2p3Zu9JU3K0y4m84IDWq72HRmh1nRyD6lzZFhDGZ/D+69fF
tgYG0FwEit00MAq/IRbsXHLpBOY+Jyh/Xy+QRnQTcAQ+tAgOlxd3w+JSs2sGdes
YLAJQQacLeGh7EzD3F+CKuiwT4c5ub64LdXSIAVj1u2OjZBfqLaJ3FA60Ti+I3kn
FNWKpzaeX+SQgMak6hsuatXi6EsVk6sIaskwEgl6+Xk+HYWy23ZQ8BKQRLKOZTw=
=gAqN
```

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E-Mail: [jstrachan@apache.org](mailto:jstrachan@apache.org)

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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Date: July 14, 2006

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Version: GnuPG v1.4.4 (MingW32)

iD8DBQFEt1ZxHR/ESK2w6H8RApbOAJ9c1eooNr2oN59WZVitJExGJjUvKgCfaKji  
6etDJ6AUj0jTuS159hUsWMQ=  
=HmqH

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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

-----

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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

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Assorted

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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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\_\_\_\_\_  
<html xmlns:o="urn:schemas-microsoft-com:office:office" xmlns:w="urn:schemas-microsoft-com:office:word" xmlns="http://www.w3.org/TR/REC-html40"><head>

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mso-generic-font-family:swiss;
mso-font-pitch:variable;
mso-font-signature:553679495 -2147483648 8 0 66047 0;}
/* Style Definitions */
p.MsoNormal, li.MsoNormal, div.MsoNormal
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margin-bottom:.0001pt;
mso-pagination:widow-orphan;
font-size:12.0pt;
font-family:"Times New Roman";
mso-fareast-font-family:"Times New Roman";}
p
{margin-right:0in;

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mso-margin-bottom-alt:auto;
margin-left:0in;
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font-size:12.0pt;
font-family:"Times New Roman";
mso-fareast-font-family:"Times New Roman";}
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margin-bottom:.0001pt;
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font-size:8.0pt;
font-family:Tahoma;
mso-fareast-font-family:"Times New Roman";}
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</head><body style="" lang="EN-US">

<div class="Section1">

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</p>

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changes to the Program, and</span></p>

```

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Date: 27 June 2008

Please sign: David Jencks

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

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=piHm

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## 1.276 openssl 1.0.0d

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```
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# 1.280 datatype 1.3.04

## 1.280.1 Available under license :

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Joseph Reagle <[site-policy@w3.org](mailto:site-policy@w3.org)>

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2000-05-05

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# 1.283 Ilvm 6.0.0

## 1.283.1 Available under license :

```
; RUN: llc < %s -mtriple=s390x-linux-gnu -mcpu=zEC12 -verify-machineinstrs | FileCheck %s  
;  
; Test that early if conversion produces LOCR with operands of the right  
; register classes.
```

```
define void @autogen_SD4739(i8*) {  
; CHECK-NOT: Expected a GR32Bit register, but got a GRX32Bit register  
BB:  
%L34 = load i8, i8* %0  
%Cmp56 = icmp sgt i8 undef, %L34  
br label %CF246  
  
CF246:                                ; preds = %CF246, %BB  
%S1163 = select i1 %Cmp56, i8 %L34, i8 undef  
br i1 undef, label %CF246, label %CF248
```

```

CF248:                                ; preds = %CF248, %CF246
store i8 %S1163, i8* %0
br label %CF248
}
; NOTE: Assertions have been autogenerated by utils/update_llc_test_checks.py
; RUN: llc <%s -mtriple=x86_64-unknown-unknown -mattr=avx512vl,avx512bw,avx512dq,prefer-256-bit |
FileCheck %s

```

; This file primarily contains tests for specific places in X86ISelLowering.cpp that needed be made aware of the legalizer not allowing 512-bit vectors due to prefer-256-bit even though AVX512 is enabled.

```

define void @add256(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-width"="256" {
; CHECK-LABEL: add256:
; CHECK:      # %bb.0:
; CHECK-NEXT: vmovdqa (%rdi), %ymm0
; CHECK-NEXT: vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT: vpaddd (%rsi), %ymm0, %ymm0
; CHECK-NEXT: vpaddd 32(%rsi), %ymm1, %ymm1
; CHECK-NEXT: vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT: vmovdqa %ymm0, (%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%d = load <16 x i32>, <16 x i32>* %a
%e = load <16 x i32>, <16 x i32>* %b
%f = add <16 x i32> %d, %e
store <16 x i32> %f, <16 x i32>* %c
ret void
}

```

```

define void @add512(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-width"="512" {
; CHECK-LABEL: add512:
; CHECK:      # %bb.0:
; CHECK-NEXT: vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT: vpaddd (%rsi), %zmm0, %zmm0
; CHECK-NEXT: vmovdqa64 %zmm0, (%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%d = load <16 x i32>, <16 x i32>* %a
%e = load <16 x i32>, <16 x i32>* %b
%f = add <16 x i32> %d, %e
store <16 x i32> %f, <16 x i32>* %c
ret void
}

```

```

define void @avg_v64i8_256(<64 x i8>* %a, <64 x i8>* %b) "min-legal-vector-width"="256" {
; CHECK-LABEL: avg_v64i8_256:
; CHECK:      # %bb.0:
; CHECK-NEXT: vmovdqa (%rsi), %ymm0

```





```

store <64 x i8> %8, <64 x i8>* undef, align 4
ret void
}

```

```

define void @pmaddwd_32_256(<32 x i16>* %APtr, <32 x i16>* %BPtr, <16 x i32>* %CPtr) "min-legal-vector-
width"="256" {
; CHECK-LABEL: pmaddwd_32_256:
; CHECK:      # %bb.0:
; CHECK-NEXT: vmovdqa (%rdi), %ymm0
; CHECK-NEXT: vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT: vpmaddwd (%rsi), %ymm0, %ymm0
; CHECK-NEXT: vpmaddwd 32(%rsi), %ymm1, %ymm1
; CHECK-NEXT: vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT: vmovdqa %ymm0, (%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%A = load <32 x i16>, <32 x i16>* %APtr
%B = load <32 x i16>, <32 x i16>* %BPtr
%a = sext <32 x i16> %A to <32 x i32>
%b = sext <32 x i16> %B to <32 x i32>
%m = mul nsw <32 x i32> %a, %b
%odd = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 0, i32 2, i32 4, i32 6, i32 8, i32 10, i32
12, i32 14, i32 16, i32 18, i32 20, i32 22, i32 24, i32 26, i32 28, i32 30>
%even = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 1, i32 3, i32 5, i32 7, i32 9, i32 11, i32
13, i32 15, i32 17, i32 19, i32 21, i32 23, i32 25, i32 27, i32 29, i32 31>
%ret = add <16 x i32> %odd, %even
store <16 x i32> %ret, <16 x i32>* %CPtr
ret void
}

```

```

define void @pmaddwd_32_512(<32 x i16>* %APtr, <32 x i16>* %BPtr, <16 x i32>* %CPtr) "min-legal-vector-
width"="512" {
; CHECK-LABEL: pmaddwd_32_512:
; CHECK:      # %bb.0:
; CHECK-NEXT: vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT: vpmaddwd (%rsi), %zmm0, %zmm0
; CHECK-NEXT: vmovdqa64 %zmm0, (%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%A = load <32 x i16>, <32 x i16>* %APtr
%B = load <32 x i16>, <32 x i16>* %BPtr
%a = sext <32 x i16> %A to <32 x i32>
%b = sext <32 x i16> %B to <32 x i32>
%m = mul nsw <32 x i32> %a, %b
%odd = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 0, i32 2, i32 4, i32 6, i32 8, i32 10, i32
12, i32 14, i32 16, i32 18, i32 20, i32 22, i32 24, i32 26, i32 28, i32 30>
%even = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 1, i32 3, i32 5, i32 7, i32 9, i32 11, i32
13, i32 15, i32 17, i32 19, i32 21, i32 23, i32 25, i32 27, i32 29, i32 31>

```

```

%ret = add <16 x i32> %odd, %even
store <16 x i32> %ret, <16 x i32>* %CPtr
ret void
}

```

```

define void @psubus_64i8_max_256(<64 x i8>* %xptra, <64 x i8>* %yptra, <64 x i8>* %zptr) "min-legal-vector-
width"="256" {
; CHECK-LABEL: psubus_64i8_max_256:
; CHECK:      # %bb.0:
; CHECK-NEXT: vmovdqa (%rdi), %ymm0
; CHECK-NEXT: vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT: vpsubusb (%rsi), %ymm0, %ymm0
; CHECK-NEXT: vpsubusb 32(%rsi), %ymm1, %ymm1
; CHECK-NEXT: vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT: vmovdqa %ymm0, (%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%x = load <64 x i8>, <64 x i8>* %xptra
%y = load <64 x i8>, <64 x i8>* %yptra
%cmp = icmp ult <64 x i8> %x, %y
%max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
%res = sub <64 x i8> %max, %y
store <64 x i8> %res, <64 x i8>* %zptr
ret void
}

```

```

define void @psubus_64i8_max_512(<64 x i8>* %xptra, <64 x i8>* %yptra, <64 x i8>* %zptr) "min-legal-vector-
width"="512" {
; CHECK-LABEL: psubus_64i8_max_512:
; CHECK:      # %bb.0:
; CHECK-NEXT: vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT: vpsubusb (%rsi), %zmm0, %zmm0
; CHECK-NEXT: vmovdqa64 %zmm0, (%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%x = load <64 x i8>, <64 x i8>* %xptra
%y = load <64 x i8>, <64 x i8>* %yptra
%cmp = icmp ult <64 x i8> %x, %y
%max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
%res = sub <64 x i8> %max, %y
store <64 x i8> %res, <64 x i8>* %zptr
ret void
}

```

```

define i32 @_Z9test_charPcS_i_256(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-vector-
width"="256" {
; CHECK-LABEL: _Z9test_charPcS_i_256:
; CHECK:      # %bb.0: # %entry

```

```

; CHECK-NEXT:  movl %edx, %eax
; CHECK-NEXT:  vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT:  xorl %ecx, %ecx
; CHECK-NEXT:  vpxor %xmm1, %xmm1, %xmm1
; CHECK-NEXT:  vpxor %xmm2, %xmm2, %xmm2
; CHECK-NEXT:  .p2align 4, 0x90
; CHECK-NEXT:  .LBB8_1: # %vector.body
; CHECK-NEXT:  # =>This Inner Loop Header: Depth=1
; CHECK-NEXT:  vpmovsxbw (%rdi,%rcx), %ymm3
; CHECK-NEXT:  vpmovsxbw 16(%rdi,%rcx), %ymm4
; CHECK-NEXT:  vpmovsxbw (%rsi,%rcx), %ymm5
; CHECK-NEXT:  vpmaddwd %ymm3, %ymm5, %ymm3
; CHECK-NEXT:  vpadd %ymm1, %ymm3, %ymm1
; CHECK-NEXT:  vpmovsxbw 16(%rsi,%rcx), %ymm3
; CHECK-NEXT:  vpmaddwd %ymm4, %ymm3, %ymm3
; CHECK-NEXT:  vpadd %ymm2, %ymm3, %ymm2
; CHECK-NEXT:  addq $32, %rcx
; CHECK-NEXT:  cmpq %rcx, %rax
; CHECK-NEXT:  jne .LBB8_1
; CHECK-NEXT:  # %bb.2: # %middle.block
; CHECK-NEXT:  vpadd %ymm0, %ymm1, %ymm1
; CHECK-NEXT:  vpadd %ymm0, %ymm2, %ymm0
; CHECK-NEXT:  vpadd %ymm0, %ymm1, %ymm0
; CHECK-NEXT:  vextracti128 $1, %ymm0, %xmm1
; CHECK-NEXT:  vpadd %ymm1, %ymm0, %ymm0
; CHECK-NEXT:  vpslufd {{.*#+}} xmm1 = xmm0[2,3,0,1]
; CHECK-NEXT:  vpadd %ymm1, %ymm0, %ymm0
; CHECK-NEXT:  vpslufd {{.*#+}} xmm1 = xmm0[1,1,2,3]
; CHECK-NEXT:  vpadd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:  vmovd %xmm0, %eax
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq

```

entry:

```
%3 = zext i32 %2 to i64
```

```
br label %vector.body
```

vector.body:

```
%index = phi i64 [ %index.next, %vector.body ], [ 0, %entry ]
```

```
%vec.phi = phi <32 x i32> [ %11, %vector.body ], [ zeroinitializer, %entry ]
```

```
%4 = getelementptr inbounds i8, i8* %0, i64 %index
```

```
%5 = bitcast i8* %4 to <32 x i8>*
```

```
%wide.load = load <32 x i8>, <32 x i8>* %5, align 1
```

```
%6 = sext <32 x i8> %wide.load to <32 x i32>
```

```
%7 = getelementptr inbounds i8, i8* %1, i64 %index
```

```
%8 = bitcast i8* %7 to <32 x i8>*
```

```
%wide.load14 = load <32 x i8>, <32 x i8>* %8, align 1
```

```
%9 = sext <32 x i8> %wide.load14 to <32 x i32>
```

```
%10 = mul nsw <32 x i32> %9, %6
```

```

%11 = add nsw <32 x i32> %10, %vec.phi
%index.next = add i64 %index, 32
%12 = icmp eq i64 %index.next, %3
br i1 %12, label %middle.block, label %vector.body

```

middle.block:

```

%rdx.shuf1 = shufflevector <32 x i32> %11, <32 x i32> undef, <32 x i32> <i32 16, i32 17, i32 18, i32 19, i32 20,
i32 21, i32 22, i32 23, i32 24, i32 25, i32 26, i32 27, i32 28, i32 29, i32 30, i32 31, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef>
%bin.rdx1 = add <32 x i32> %11, %rdx.shuf1
%rdx.shuf = shufflevector <32 x i32> %bin.rdx1, <32 x i32> undef, <32 x i32> <i32 8, i32 9, i32 10, i32 11, i32
12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx = add <32 x i32> %bin.rdx1, %rdx.shuf
%rdx.shuf15 = shufflevector <32 x i32> %bin.rdx, <32 x i32> undef, <32 x i32> <i32 4, i32 5, i32 6, i32 7, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx32 = add <32 x i32> %bin.rdx, %rdx.shuf15
%rdx.shuf17 = shufflevector <32 x i32> %bin.rdx32, <32 x i32> undef, <32 x i32> <i32 2, i32 3, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx18 = add <32 x i32> %bin.rdx32, %rdx.shuf17
%rdx.shuf19 = shufflevector <32 x i32> %bin.rdx18, <32 x i32> undef, <32 x i32> <i32 1, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx20 = add <32 x i32> %bin.rdx18, %rdx.shuf19
%13 = extractelement <32 x i32> %bin.rdx20, i32 0
ret i32 %13
}

```

```

define i32 @_Z9test_charPcS_i_512(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-vector-
width"="512" {

```

```

; CHECK-LABEL: _Z9test_charPcS_i_512:
; CHECK:      # %bb.0: # %entry
; CHECK-NEXT:  movl %edx, %eax
; CHECK-NEXT:  vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT:  xorl %ecx, %ecx
; CHECK-NEXT:  vpxor %xmm1, %xmm1, %xmm1
; CHECK-NEXT:  .p2align 4, 0x90
; CHECK-NEXT:  .LBB9_1: # %vector.body
; CHECK-NEXT:  # =>This Inner Loop Header: Depth=1
; CHECK-NEXT:  vpmovsxbw (%rdi,%rcx), %zmm2
; CHECK-NEXT:  vpmovsxbw (%rsi,%rcx), %zmm3

```



```

i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx = add <32 x i32> %bin.rdx1, %rdx.shuf
%rdx.shuf15 = shufflevector <32 x i32> %bin.rdx, <32 x i32> undef, <32 x i32> <i32 4, i32 5, i32 6, i32 7, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx32 = add <32 x i32> %bin.rdx, %rdx.shuf15
%rdx.shuf17 = shufflevector <32 x i32> %bin.rdx32, <32 x i32> undef, <32 x i32> <i32 2, i32 3, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx18 = add <32 x i32> %bin.rdx32, %rdx.shuf17
%rdx.shuf19 = shufflevector <32 x i32> %bin.rdx18, <32 x i32> undef, <32 x i32> <i32 1, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx20 = add <32 x i32> %bin.rdx18, %rdx.shuf19
%13 = extractelement <32 x i32> %bin.rdx20, i32 0
ret i32 %13
}

```

```
@a = global [1024 x i8] zeroinitializer, align 16
```

```
@b = global [1024 x i8] zeroinitializer, align 16
```

```

define i32 @sad_16i8_256() "min-legal-vector-width"="256" {
; CHECK-LABEL: sad_16i8_256:
; CHECK:      # %bb.0: # %entry
; CHECK-NEXT: vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT: movq $-1024, %rax # imm = 0xFC00
; CHECK-NEXT: vpxor %xmm1, %xmm1, %xmm1
; CHECK-NEXT: .p2align 4, 0x90
; CHECK-NEXT: .LBB10_1: # %vector.body
; CHECK-NEXT: # =>This Inner Loop Header: Depth=1
; CHECK-NEXT: vmovdqu a+1024(%rax), %xmm2
; CHECK-NEXT: vpsadbw b+1024(%rax), %xmm2, %xmm2
; CHECK-NEXT: vpadd %ymm1, %ymm2, %ymm1
; CHECK-NEXT: addq $4, %rax
; CHECK-NEXT: jne .LBB10_1
; CHECK-NEXT: # %bb.2: # %middle.block
; CHECK-NEXT: vpadd %ymm0, %ymm1, %ymm0
; CHECK-NEXT: vextracti128 $1, %ymm0, %xmm1
; CHECK-NEXT: vpadd %ymm1, %ymm0, %ymm0
; CHECK-NEXT: vpsdshufd {{.*#+}} xmm1 = xmm0[2,3,0,1]
; CHECK-NEXT: vpadd %ymm1, %ymm0, %ymm0
; CHECK-NEXT: vpsdshufd {{.*#+}} xmm1 = xmm0[1,1,2,3]
; CHECK-NEXT: vpadd %xmm1, %xmm0, %xmm0
; CHECK-NEXT: vmovd %xmm0, %eax
; CHECK-NEXT: vzeroupper

```

```

; CHECK-NEXT:   retq
entry:
br label %vector.body

vector.body:
%index = phi i64 [ 0, %entry ], [ %index.next, %vector.body ]
%vec.phi = phi <16 x i32> [ zeroinitializer, %entry ], [ %10, %vector.body ]
%0 = getelementptr inbounds [1024 x i8], [1024 x i8]* @a, i64 0, i64 %index
%1 = bitcast i8* %0 to <16 x i8>*
%wide.load = load <16 x i8>, <16 x i8>* %1, align 4
%2 = zext <16 x i8> %wide.load to <16 x i32>
%3 = getelementptr inbounds [1024 x i8], [1024 x i8]* @b, i64 0, i64 %index
%4 = bitcast i8* %3 to <16 x i8>*
%wide.load1 = load <16 x i8>, <16 x i8>* %4, align 4
%5 = zext <16 x i8> %wide.load1 to <16 x i32>
%6 = sub nsw <16 x i32> %2, %5
%7 = icmp sgt <16 x i32> %6, <i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1>
%8 = sub nsw <16 x i32> zeroinitializer, %6
%9 = select <16 x i1> %7, <16 x i32> %6, <16 x i32> %8
%10 = add nsw <16 x i32> %9, %vec.phi
%index.next = add i64 %index, 4
%11 = icmp eq i64 %index.next, 1024
br i1 %11, label %middle.block, label %vector.body

middle.block:
%.lcssa = phi <16 x i32> [ %10, %vector.body ]
%rdx.shuf = shufflevector <16 x i32> %.lcssa, <16 x i32> undef, <16 x i32> <i32 8, i32 9, i32 10, i32 11, i32 12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx = add <16 x i32> %.lcssa, %rdx.shuf
%rdx.shuf2 = shufflevector <16 x i32> %bin.rdx, <16 x i32> undef, <16 x i32> <i32 4, i32 5, i32 6, i32 7, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx2 = add <16 x i32> %bin.rdx, %rdx.shuf2
%rdx.shuf3 = shufflevector <16 x i32> %bin.rdx2, <16 x i32> undef, <16 x i32> <i32 2, i32 3, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx3 = add <16 x i32> %bin.rdx2, %rdx.shuf3
%rdx.shuf4 = shufflevector <16 x i32> %bin.rdx3, <16 x i32> undef, <16 x i32> <i32 1, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx4 = add <16 x i32> %bin.rdx3, %rdx.shuf4
%12 = extractelement <16 x i32> %bin.rdx4, i32 0
ret i32 %12
}

define i32 @sad_16i8_512() "min-legal-vector-width"="512" {
; CHECK-LABEL: sad_16i8_512:

```



```

; CHECK:      # %bb.0: # %entry
; CHECK-NEXT:  vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT:  movq $-1024, %rax # imm = 0xFC00
; CHECK-NEXT:  .p2align 4, 0x90
; CHECK-NEXT:  .LBB11_1: # %vector.body
; CHECK-NEXT:  # =>This Inner Loop Header: Depth=1
; CHECK-NEXT:  vmovdqu a+1024(%rax), %xmm1
; CHECK-NEXT:  vpsadbw b+1024(%rax), %xmm1, %xmm1
; CHECK-NEXT:  vpadd %zmm0, %zmm1, %zmm0
; CHECK-NEXT:  addq $4, %rax
; CHECK-NEXT:  jne .LBB11_1
; CHECK-NEXT:  # %bb.2: # %middle.block
; CHECK-NEXT:  vextracti64x4 $1, %zmm0, %ymm1
; CHECK-NEXT:  vpadd %zmm1, %zmm0, %zmm0
; CHECK-NEXT:  vextracti128 $1, %ymm0, %xmm1
; CHECK-NEXT:  vpadd %zmm1, %zmm0, %zmm0
; CHECK-NEXT:  vpsdshufd { {. *#+ } } %xmm1 = %xmm0[2,3,0,1]
; CHECK-NEXT:  vpadd %zmm1, %zmm0, %zmm0
; CHECK-NEXT:  vpsdshufd { {. *#+ } } %xmm1 = %xmm0[1,1,2,3]
; CHECK-NEXT:  vpadd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:  vmovd %xmm0, %eax
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq

```

entry:

```
br label %vector.body
```

vector.body:

```

%index = phi i64 [ 0, %entry ], [ %index.next, %vector.body ]
%vec.phi = phi <16 x i32> [ zeroinitializer, %entry ], [ %10, %vector.body ]
%0 = getelementptr inbounds [1024 x i8], [1024 x i8]* @a, i64 0, i64 %index
%1 = bitcast i8* %0 to <16 x i8>*
%wide.load = load <16 x i8>, <16 x i8>* %1, align 4
%2 = zext <16 x i8> %wide.load to <16 x i32>
%3 = getelementptr inbounds [1024 x i8], [1024 x i8]* @b, i64 0, i64 %index
%4 = bitcast i8* %3 to <16 x i8>*
%wide.load1 = load <16 x i8>, <16 x i8>* %4, align 4
%5 = zext <16 x i8> %wide.load1 to <16 x i32>
%6 = sub nsw <16 x i32> %2, %5
%7 = icmp sgt <16 x i32> %6, <i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1>
%8 = sub nsw <16 x i32> zeroinitializer, %6
%9 = select <16 x i1> %7, <16 x i32> %6, <16 x i32> %8
%10 = add nsw <16 x i32> %9, %vec.phi
%index.next = add i64 %index, 4
%11 = icmp eq i64 %index.next, 1024
br i1 %11, label %middle.block, label %vector.body

```

middle.block:

```

%lcssa = phi <16 x i32> [ %10, %vector.body ]
%rdx.shuf = shufflevector <16 x i32> %lcssa, <16 x i32> undef, <16 x i32> <i32 8, i32 9, i32 10, i32 11, i32 12,
i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx = add <16 x i32> %lcssa, %rdx.shuf
%rdx.shuf2 = shufflevector <16 x i32> %bin.rdx, <16 x i32> undef, <16 x i32> <i32 4, i32 5, i32 6, i32 7, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef>
%bin.rdx2 = add <16 x i32> %bin.rdx, %rdx.shuf2
%rdx.shuf3 = shufflevector <16 x i32> %bin.rdx2, <16 x i32> undef, <16 x i32> <i32 2, i32 3, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef>
%bin.rdx3 = add <16 x i32> %bin.rdx2, %rdx.shuf3
%rdx.shuf4 = shufflevector <16 x i32> %bin.rdx3, <16 x i32> undef, <16 x i32> <i32 1, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef>
%bin.rdx4 = add <16 x i32> %bin.rdx3, %rdx.shuf4
%12 = extractelement <16 x i32> %bin.rdx4, i32 0
ret i32 %12
}

```

```

define void @sbto16f32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: sbto16f32_256:
; CHECK:      # %bb.0:
; CHECK-NEXT: vpmovw2m %ymm0, %k0
; CHECK-NEXT: kshiftrw $8, %k0, %k1
; CHECK-NEXT: vpmovm2d %k1, %ymm0
; CHECK-NEXT: vcvt dq2ps %ymm0, %ymm0
; CHECK-NEXT: vpmovm2d %k0, %ymm1
; CHECK-NEXT: vcvt dq2ps %ymm1, %ymm1
; CHECK-NEXT: vmovaps %ymm1, (%rdi)
; CHECK-NEXT: vmovaps %ymm0, 32(%rdi)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = sitofp <16 x i1> %mask to <16 x float>
store <16 x float> %1, <16 x float>* %res
ret void
}

```

```

define void @sbto16f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" {
; CHECK-LABEL: sbto16f32_512:
; CHECK:      # %bb.0:
; CHECK-NEXT: vpmovw2m %ymm0, %k0
; CHECK-NEXT: vpmovm2d %k0, %zmm0
; CHECK-NEXT: vcvt dq2ps %zmm0, %zmm0
; CHECK-NEXT: vmovaps %zmm0, (%rdi)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq

```

```

%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = sitofp <16 x i1> %mask to <16 x float>
store <16 x float> %1, <16 x float>* %res
ret void
}

define void @sbto16f64_256(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: sbto16f64_256:
; CHECK:      # %bb.0:
; CHECK-NEXT: vpmovw2m %ymm0, %k0
; CHECK-NEXT: kshiftrw $8, %k0, %k1
; CHECK-NEXT: vpmovm2d %k1, %ymm0
; CHECK-NEXT: vcvtdq2pd %xmm0, %ymm1
; CHECK-NEXT: vextracti128 $1, %ymm0, %xmm0
; CHECK-NEXT: vcvtdq2pd %xmm0, %ymm0
; CHECK-NEXT: vpmovm2d %k0, %ymm2
; CHECK-NEXT: vcvtdq2pd %xmm2, %ymm3
; CHECK-NEXT: vextracti128 $1, %ymm2, %xmm2
; CHECK-NEXT: vcvtdq2pd %xmm2, %ymm2
; CHECK-NEXT: vmovaps %ymm2, 32(%rdi)
; CHECK-NEXT: vmovaps %ymm3, (%rdi)
; CHECK-NEXT: vmovaps %ymm0, 96(%rdi)
; CHECK-NEXT: vmovaps %ymm1, 64(%rdi)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = sitofp <16 x i1> %mask to <16 x double>
store <16 x double> %1, <16 x double>* %res
ret void
}

define void @sbto16f64_512(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="512" {
; CHECK-LABEL: sbto16f64_512:
; CHECK:      # %bb.0:
; CHECK-NEXT: vpmovw2m %ymm0, %k0
; CHECK-NEXT: vpmovm2d %k0, %zmm0
; CHECK-NEXT: vcvtdq2pd %ymm0, %zmm1
; CHECK-NEXT: vextracti64x4 $1, %zmm0, %ymm0
; CHECK-NEXT: vcvtdq2pd %ymm0, %zmm0
; CHECK-NEXT: vmovaps %zmm0, 64(%rdi)
; CHECK-NEXT: vmovaps %zmm1, (%rdi)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = sitofp <16 x i1> %mask to <16 x double>
store <16 x double> %1, <16 x double>* %res
ret void
}

```

```

define void @ubto16f32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: ubto16f32_256:
; CHECK:    # %bb.0:
; CHECK-NEXT:  vpmovw2m %ymm0, %k0
; CHECK-NEXT:  kshiftrw $8, %k0, %k1
; CHECK-NEXT:  vpmovm2d %k1, %ymm0
; CHECK-NEXT:  vpsrld $31, %ymm0, %ymm0
; CHECK-NEXT:  vcvt dq2ps %ymm0, %ymm0
; CHECK-NEXT:  vpmovm2d %k0, %ymm1
; CHECK-NEXT:  vpsrld $31, %ymm1, %ymm1
; CHECK-NEXT:  vcvt dq2ps %ymm1, %ymm1
; CHECK-NEXT:  vmovaps %ymm1, (%rdi)
; CHECK-NEXT:  vmovaps %ymm0, 32(%rdi)
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = uitofp <16 x i1> %mask to <16 x float>
store <16 x float> %1, <16 x float>* %res
ret void
}

```

```

define void @ubto16f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" {
; CHECK-LABEL: ubto16f32_512:
; CHECK:    # %bb.0:
; CHECK-NEXT:  vpmovw2m %ymm0, %k0
; CHECK-NEXT:  vpmovm2d %k0, %zmm0
; CHECK-NEXT:  vpsrld $31, %zmm0, %zmm0
; CHECK-NEXT:  vcvt dq2ps %zmm0, %zmm0
; CHECK-NEXT:  vmovaps %zmm0, (%rdi)
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = uitofp <16 x i1> %mask to <16 x float>
store <16 x float> %1, <16 x float>* %res
ret void
}

```

```

define void @ubto16f64_256(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: ubto16f64_256:
; CHECK:    # %bb.0:
; CHECK-NEXT:  vpmovw2m %ymm0, %k0
; CHECK-NEXT:  kshiftrw $8, %k0, %k1
; CHECK-NEXT:  vpmovm2d %k1, %ymm0
; CHECK-NEXT:  vpsrld $31, %ymm0, %ymm0
; CHECK-NEXT:  vcvt dq2pd %xmm0, %ymm1
; CHECK-NEXT:  vextracti128 $1, %ymm0, %xmm0
; CHECK-NEXT:  vcvt dq2pd %xmm0, %ymm0

```

```

; CHECK-NEXT: vpmovm2d %k0, %ymm2
; CHECK-NEXT: vpsrld $31, %ymm2, %ymm2
; CHECK-NEXT: vcvtdq2pd %xmm2, %ymm3
; CHECK-NEXT: vextracti128 $1, %ymm2, %xmm2
; CHECK-NEXT: vcvtdq2pd %xmm2, %ymm2
; CHECK-NEXT: vmovaps %ymm2, 32(%rdi)
; CHECK-NEXT: vmovaps %ymm3, (%rdi)
; CHECK-NEXT: vmovaps %ymm0, 96(%rdi)
; CHECK-NEXT: vmovaps %ymm1, 64(%rdi)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = uitofp <16 x i1> %mask to <16 x double>
store <16 x double> %1, <16 x double>* %res
ret void
}

```

```

define void @ubto16f64_512(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="512" {
; CHECK-LABEL: ubto16f64_512:
; CHECK:    # %bb.0:
; CHECK-NEXT: vpmovw2m %ymm0, %k0
; CHECK-NEXT: vpmovm2d %k0, %zmm0
; CHECK-NEXT: vpsrld $31, %zmm0, %zmm0
; CHECK-NEXT: vcvtdq2pd %ymm0, %zmm1
; CHECK-NEXT: vextracti64x4 $1, %zmm0, %ymm0
; CHECK-NEXT: vcvtdq2pd %ymm0, %zmm0
; CHECK-NEXT: vmovaps %zmm0, 64(%rdi)
; CHECK-NEXT: vmovaps %zmm1, (%rdi)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = uitofp <16 x i1> %mask to <16 x double>
store <16 x double> %1, <16 x double>* %res
ret void
}

```

```

define <16 x i16> @test_16f32toub_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-
width"="256" {
; CHECK-LABEL: test_16f32toub_256:
; CHECK:    # %bb.0:
; CHECK-NEXT: vcvttps2dq (%rdi), %ymm1
; CHECK-NEXT: vpslld $31, %ymm1, %ymm1
; CHECK-NEXT: vpmovd2m %ymm1, %k0
; CHECK-NEXT: vcvttps2dq 32(%rdi), %ymm1
; CHECK-NEXT: vpslld $31, %ymm1, %ymm1
; CHECK-NEXT: vpmovd2m %ymm1, %k1
; CHECK-NEXT: kunpckbw %k0, %k1, %k1
; CHECK-NEXT: vmovdqu16 %ymm0, %ymm0 {%k1} {z}

```

```

; CHECK-NEXT:  retq
%a = load <16 x float>, <16 x float>* %ptr
%mask = fptoui <16 x float> %a to <16 x i1>
%select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
ret <16 x i16> %select
}

define <16 x i16> @test_16f32toub_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-
width"="512" {
; CHECK-LABEL: test_16f32toub_512:
; CHECK:      # %bb.0:
; CHECK-NEXT:  vcvttps2dq (%rdi), %zmm1
; CHECK-NEXT:  vpslld $31, %zmm1, %zmm1
; CHECK-NEXT:  vpmovd2m %zmm1, %k1
; CHECK-NEXT:  vmovdqu16 %ymm0, %ymm0 {%k1} {z}
; CHECK-NEXT:  retq
%a = load <16 x float>, <16 x float>* %ptr
%mask = fptoui <16 x float> %a to <16 x i1>
%select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
ret <16 x i16> %select
}

define <16 x i16> @test_16f32tosb_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-
width"="256" {
; CHECK-LABEL: test_16f32tosb_256:
; CHECK:      # %bb.0:
; CHECK-NEXT:  vcvttps2dq (%rdi), %ymm1
; CHECK-NEXT:  vpmovd2m %ymm1, %k0
; CHECK-NEXT:  vcvttps2dq 32(%rdi), %ymm1
; CHECK-NEXT:  vpmovd2m %ymm1, %k1
; CHECK-NEXT:  kunpckbw %k0, %k1, %k1
; CHECK-NEXT:  vmovdqu16 %ymm0, %ymm0 {%k1} {z}
; CHECK-NEXT:  retq
%a = load <16 x float>, <16 x float>* %ptr
%mask = fptosi <16 x float> %a to <16 x i1>
%select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
ret <16 x i16> %select
}

define <16 x i16> @test_16f32tosb_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-
width"="512" {
; CHECK-LABEL: test_16f32tosb_512:
; CHECK:      # %bb.0:
; CHECK-NEXT:  vcvttps2dq (%rdi), %zmm1
; CHECK-NEXT:  vpmovd2m %zmm1, %k1
; CHECK-NEXT:  vmovdqu16 %ymm0, %ymm0 {%k1} {z}
; CHECK-NEXT:  retq
%a = load <16 x float>, <16 x float>* %ptr

```

```

%mask = fptosi <16 x float> %a to <16 x i1>
%select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
ret <16 x i16> %select
}

```

```

define void @mul256(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="256" {
; CHECK-LABEL: mul256:
; CHECK:    # %bb.0:
; CHECK-NEXT:  vmovdqa (%rdi), %ymm0
; CHECK-NEXT:  vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT:  vmovdqa (%rsi), %ymm2
; CHECK-NEXT:  vmovdqa 32(%rsi), %ymm3
; CHECK-NEXT:  vpunpckhbw {{.*#+}} ymm4 =
ymm2[8],ymm0[8],ymm2[9],ymm0[9],ymm2[10],ymm0[10],ymm2[11],ymm0[11],ymm2[12],ymm0[12],ymm2[13
],ymm0[13],ymm2[14],ymm0[14],ymm2[15],ymm0[15],ymm2[24],ymm0[24],ymm2[25],ymm0[25],ymm2[26],ymm
m0[26],ymm2[27],ymm0[27],ymm2[28],ymm0[28],ymm2[29],ymm0[29],ymm2[30],ymm0[30],ymm2[31],ymm0[
31]
; CHECK-NEXT:  vpunpckhbw {{.*#+}} ymm5 =
ymm0[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31]
; CHECK-NEXT:  vpmullw %ymm4, %ymm5, %ymm4
; CHECK-NEXT:  vmovdqa {{.*#+}} ymm5 =
[255,255,255,255,255,255,255,255,255,255,255,255,255,255,255]
; CHECK-NEXT:  vpand %ymm5, %ymm4, %ymm4
; CHECK-NEXT:  vpunpcklbw {{.*#+}} ymm2 =
ymm2[0],ymm0[0],ymm2[1],ymm0[1],ymm2[2],ymm0[2],ymm2[3],ymm0[3],ymm2[4],ymm0[4],ymm2[5],ymm0[
5],ymm2[6],ymm0[6],ymm2[7],ymm0[7],ymm2[16],ymm0[16],ymm2[17],ymm0[17],ymm2[18],ymm0[18],ymm2[
19],ymm0[19],ymm2[20],ymm0[20],ymm2[21],ymm0[21],ymm2[22],ymm0[22],ymm2[23],ymm0[23]
; CHECK-NEXT:  vpunpcklbw {{.*#+}} ymm0 =
ymm0[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23]
; CHECK-NEXT:  vpmullw %ymm2, %ymm0, %ymm0
; CHECK-NEXT:  vpand %ymm5, %ymm0, %ymm0
; CHECK-NEXT:  vpackuswb %ymm4, %ymm0, %ymm0
; CHECK-NEXT:  vpunpckhbw {{.*#+}} ymm2 =
ymm3[8],ymm0[8],ymm3[9],ymm0[9],ymm3[10],ymm0[10],ymm3[11],ymm0[11],ymm3[12],ymm0[12],ymm3[13
],ymm0[13],ymm3[14],ymm0[14],ymm3[15],ymm0[15],ymm3[24],ymm0[24],ymm3[25],ymm0[25],ymm3[26],ymm
m0[26],ymm3[27],ymm0[27],ymm3[28],ymm0[28],ymm3[29],ymm0[29],ymm3[30],ymm0[30],ymm3[31],ymm0[
31]
; CHECK-NEXT:  vpunpckhbw {{.*#+}} ymm4 =
ymm1[8],ymm0[8],ymm1[9],ymm0[9],ymm1[10],ymm0[10],ymm1[11],ymm0[11],ymm1[12],ymm0[12],ymm1[13
],ymm0[13],ymm1[14],ymm0[14],ymm1[15],ymm0[15],ymm1[24],ymm0[24],ymm1[25],ymm0[25],ymm1[26],ymm
m0[26],ymm1[27],ymm0[27],ymm1[28],ymm0[28],ymm1[29],ymm0[29],ymm1[30],ymm0[30],ymm1[31],ymm0[
31]
; CHECK-NEXT:  vpmullw %ymm2, %ymm4, %ymm2
; CHECK-NEXT:  vpand %ymm5, %ymm2, %ymm2
; CHECK-NEXT:  vpunpcklbw {{.*#+}} ymm3 =
ymm3[0],ymm0[0],ymm3[1],ymm0[1],ymm3[2],ymm0[2],ymm3[3],ymm0[3],ymm3[4],ymm0[4],ymm3[5],ymm0[
5],ymm3[6],ymm0[6],ymm3[7],ymm0[7],ymm3[16],ymm0[16],ymm3[17],ymm0[17],ymm3[18],ymm0[18],ymm3[
19],ymm0[19],ymm3[20],ymm0[20],ymm3[21],ymm0[21],ymm3[22],ymm0[22],ymm3[23],ymm0[23]

```

```

; CHECK-NEXT:  vpunpcklbw {{.*#+}} ymm1 =
ymm1[0],ymm0[0],ymm1[1],ymm0[1],ymm1[2],ymm0[2],ymm1[3],ymm0[3],ymm1[4],ymm0[4],ymm1[5],ymm0[
5],ymm1[6],ymm0[6],ymm1[7],ymm0[7],ymm1[16],ymm0[16],ymm1[17],ymm0[17],ymm1[18],ymm0[18],ymm1[
19],ymm0[19],ymm1[20],ymm0[20],ymm1[21],ymm0[21],ymm1[22],ymm0[22],ymm1[23],ymm0[23]
; CHECK-NEXT:  vpmullw %ymm3, %ymm1, %ymm1
; CHECK-NEXT:  vpand %ymm5, %ymm1, %ymm1
; CHECK-NEXT:  vpackuswb %ymm2, %ymm1, %ymm1
; CHECK-NEXT:  vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT:  vmovdqa %ymm0, (%rdx)
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq
%d = load <64 x i8>, <64 x i8>* %a
%e = load <64 x i8>, <64 x i8>* %b
%f = mul <64 x i8> %d, %e
store <64 x i8> %f, <64 x i8>* %c
ret void
}

```

```

define void @mul512(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="512" {

```

```

; CHECK-LABEL: mul512:
; CHECK:      # %bb.0:
; CHECK-NEXT:  vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT:  vmovdqa64 (%rsi), %zmm1
; CHECK-NEXT:  vpunpckhbw {{.*#+}} zmm2 =
zmm1[8],zmm0[8],zmm1[9],zmm0[9],zmm1[10],zmm0[10],zmm1[11],zmm0[11],zmm1[12],zmm0[12],zmm1[13],
zmm0[13],zmm1[14],zmm0[14],zmm1[15],zmm0[15],zmm1[24],zmm0[24],zmm1[25],zmm0[25],zmm1[26],zmm0
[26],zmm1[27],zmm0[27],zmm1[28],zmm0[28],zmm1[29],zmm0[29],zmm1[30],zmm0[30],zmm1[31],zmm0[31],z
mm1[40],zmm0[40],zmm1[41],zmm0[41],zmm1[42],zmm0[42],zmm1[43],zmm0[43],zmm1[44],zmm0[44],zmm1[
45],zmm0[45],zmm1[46],zmm0[46],zmm1[47],zmm0[47],zmm1[56],zmm0[56],zmm1[57],zmm0[57],zmm1[58],z
mm0[58],zmm1[59],zmm0[59],zmm1[60],zmm0[60],zmm1[61],zmm0[61],zmm1[62],zmm0[62],zmm1[63],zmm0[
63]
; CHECK-NEXT:  vpunpckhbw {{.*#+}} zmm3 =
zmm0[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31,40,40,41,41,4
2,42,43,43,44,44,45,45,46,46,47,47,56,56,57,57,58,58,59,59,60,60,61,61,62,62,63,63]
; CHECK-NEXT:  vpmullw %zmm2, %zmm3, %zmm2
; CHECK-NEXT:  vmovdqa64 {{.*#+}} zmm3 =
[255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,2
55,255,255,255,255]
; CHECK-NEXT:  vpandq %zmm3, %zmm2, %zmm2
; CHECK-NEXT:  vpunpcklbw {{.*#+}} zmm1 =
zmm1[0],zmm0[0],zmm1[1],zmm0[1],zmm1[2],zmm0[2],zmm1[3],zmm0[3],zmm1[4],zmm0[4],zmm1[5],zmm0[5],
zmm1[6],zmm0[6],zmm1[7],zmm0[7],zmm1[16],zmm0[16],zmm1[17],zmm0[17],zmm1[18],zmm0[18],zmm1[19],
zmm0[19],zmm1[20],zmm0[20],zmm1[21],zmm0[21],zmm1[22],zmm0[22],zmm1[23],zmm0[23],zmm1[32],zmm
0[32],zmm1[33],zmm0[33],zmm1[34],zmm0[34],zmm1[35],zmm0[35],zmm1[36],zmm0[36],zmm1[37],zmm0[37],
zmm1[38],zmm0[38],zmm1[39],zmm0[39],zmm1[48],zmm0[48],zmm1[49],zmm0[49],zmm1[50],zmm0[50],zmm1
[51],zmm0[51],zmm1[52],zmm0[52],zmm1[53],zmm0[53],zmm1[54],zmm0[54],zmm1[55],zmm0[55]
; CHECK-NEXT:  vpunpcklbw {{.*#+}} zmm0 =
zmm0[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23,32,32,33,33,34,34,35,35,36,3

```



```

6,37,37,38,38,39,39,48,48,49,49,50,50,51,51,52,52,53,53,54,54,55,55]
; CHECK-NEXT:  vpmullw %zmm1, %zmm0, %zmm0
; CHECK-NEXT:  vpandq %zmm3, %zmm0, %zmm0
; CHECK-NEXT:  vpackuswb %zmm2, %zmm0, %zmm0
; CHECK-NEXT:  vmovdqa64 %zmm0, (%rdx)
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq
%d = load <64 x i8>, <64 x i8>* %a
%e = load <64 x i8>, <64 x i8>* %b
%f = mul <64 x i8> %d, %e
store <64 x i8> %f, <64 x i8>* %c
ret void
}

```

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LLVM Release License

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LLVM Team

University of Illinois at Urbana-Champaign

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| Program  | Directory |
|--|-----------|
| -----  | -----     |
| <none yet>   |           |
| ; NOTE: Assertions have been autogenerated by utils/update_analyze_test_checks.py  |           |
| ; RUN: opt < %s -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=+avx2   FileCheck %s --check-prefixes=CHECK,VEC256,AVX  |           |
| ; RUN: opt < %s -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=+avx512vl,+avx512bw,+avx512dq,+prefer-256-bit   FileCheck %s --check-prefixes=CHECK,VEC256,SKX256 |           |
| ; RUN: opt < %s -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=+avx512vl,+avx512bw,+avx512dq,-prefer-256-bit   FileCheck %s --check-prefixes=CHECK,VEC512        |           |
| define void @zext256() "min-legal-vector-width"="256" {  |           |

```

; VEC256-LABEL: 'zext256'
; VEC256-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = zext <8 x i16> undef to <8 x
i64>
; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %B = zext <8 x i32> undef to <8 x
i64>
; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %C = zext <16 x i8> undef to <16 x
i32>
; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = zext <16 x i16> undef to <16 x
i32>
; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to <32 x
i16>
; VEC256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; VEC512-LABEL: 'zext256'
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %A = zext <8 x i16> undef to <8 x
i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to <8 x
i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x i8> undef to <16 x
i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to <16 x
i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = zext <32 x i8> undef to <32 x
i16>
; VEC512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
%A = zext <8 x i16> undef to <8 x i64>
%B = zext <8 x i32> undef to <8 x i64>
%C = zext <16 x i8> undef to <16 x i32>
%D = zext <16 x i16> undef to <16 x i32>
%E = zext <32 x i8> undef to <32 x i16>
ret void
}

define void @zext512() "min-legal-vector-width"="512" {
; AVX-LABEL: 'zext512'
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = zext <8 x i16> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %B = zext <8 x i32> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %C = zext <16 x i8> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = zext <16 x i16> undef to <16 x
i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to <32 x i16>
; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; SKX256-LABEL: 'zext512'
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %A = zext <8 x i16> undef to <8 x
i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to <8 x

```

```

i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x i8> undef to <16 x
i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to <16 x
i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = zext <32 x i8> undef to <32 x
i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; VEC512-LABEL: 'zext512'
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %A = zext <8 x i16> undef to <8 x
i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to <8 x
i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x i8> undef to <16 x
i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to <16 x
i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = zext <32 x i8> undef to <32 x
i16>
; VEC512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
%A = zext <8 x i16> undef to <8 x i64>
%B = zext <8 x i32> undef to <8 x i64>
%C = zext <16 x i8> undef to <16 x i32>
%D = zext <16 x i16> undef to <16 x i32>
%E = zext <32 x i8> undef to <32 x i16>
ret void
}

define void @sext256() "min-legal-vector-width"="256" {
; VEC256-LABEL: 'sext256'
; VEC256-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; VEC256-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x
i64>
; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x
i64>
; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x
i32>
; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x
i32>
; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x
i16>
; VEC256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; VEC512-LABEL: 'sext256'
; VEC512-NEXT: Cost Model: Found an estimated cost of 24 for instruction: %A = sext <8 x i8> undef to <8 x
i64>

```

```

; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x
i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x
i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x
i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x
i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x
i16>
; VEC512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
%A = sext <8 x i8> undef to <8 x i64>
%B = sext <8 x i16> undef to <8 x i64>
%C = sext <8 x i32> undef to <8 x i64>
%D = sext <16 x i8> undef to <16 x i32>
%E = sext <16 x i16> undef to <16 x i32>
%F = sext <32 x i8> undef to <32 x i16>
ret void
}

```

```

define void @sext512() "min-legal-vector-width"="512" {
; AVX-LABEL: 'sext512'
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; SKX256-LABEL: 'sext512'
; SKX256-NEXT: Cost Model: Found an estimated cost of 24 for instruction: %A = sext <8 x i8> undef to <8 x
i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x
i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x
i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x
i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x
i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x
i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; VEC512-LABEL: 'sext512'
; VEC512-NEXT: Cost Model: Found an estimated cost of 24 for instruction: %A = sext <8 x i8> undef to <8 x

```

```

i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x
i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x
i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x
i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x
i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x
i16>
; VEC512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
%A = sext <8 x i8> undef to <8 x i64>
%B = sext <8 x i16> undef to <8 x i64>
%C = sext <8 x i32> undef to <8 x i64>
%D = sext <16 x i8> undef to <16 x i32>
%E = sext <16 x i16> undef to <16 x i32>
%F = sext <32 x i8> undef to <32 x i16>
ret void
}
$OpenBSD: COPYRIGHT,v 1.3 2003/06/02 20:18:36 millert Exp $

```

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```

-----

```

```

/*_

```

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```

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*/
; RUN: llc -march=hexagon < %s
; REQUIRES: asserts

```

```

; The two loads based on %struct.0, loading two different data types
; cause LSR to assume type "void" for the memory type. This would then
; cause an assert in isLegalAddressingMode. Make sure we no longer crash.

```

```
target triple = "hexagon"
```

```
%struct.0 = type { i8*, i8, %union.anon.0 }
%union.anon.0 = type { i8* }
```

```
define hidden fastcc void @fred() unnamed_addr #0 {
entry:
br i1 undef, label %while.end, label %while.body.lr.ph
```

```
while.body.lr.ph:                ; preds = %entry
br label %while.body
```

```
while.body:                      ; preds = %exit.2, %while.body.lr.ph
%lshr.iv = phi %struct.0* [ %cgep22, %exit.2 ], [ undef, %while.body.lr.ph ]

```

```

switch i32 undef, label %exit [
  i32 1, label %sw.bb.i
  i32 2, label %sw.bb3.i
]

sw.bb.i:                                ; preds = %while.body
unreachable

sw.bb3.i:                               ; preds = %while.body
unreachable

exit:                                    ; preds = %while.body
switch i32 undef, label %exit.2 [
  i32 1, label %sw.bb.i17
  i32 2, label %sw.bb3.i20
]

sw.bb.i17:                              ; preds = %exit
%0 = bitcast %struct.0* %lshr.iv to i32*
%1 = load i32, i32* %0, align 4
unreachable

sw.bb3.i20:                             ; preds = %exit
%2 = bitcast %struct.0* %lshr.iv to i8**
%3 = load i8*, i8** %2, align 4
unreachable

exit.2:                                  ; preds = %exit
%cgep22 = getelementptr %struct.0, %struct.0* %lshr.iv, i32 1
br label %while.body

while.end:                               ; preds = %entry
ret void
}

attributes #0 = { nounwind optsize "target-cpu"="hexagonv55" }
; RUN: llc -mtriple=aarch64-apple-ios %s -o - | FileCheck %s

define <16 x double> @test_sitofp_fixed(<16 x i32> %in) {
; CHECK-LABEL: test_sitofp_fixed:

; First, extend each i32 to i64
; CHECK-DAG: sshll2.2d [[BLOCK0_HI:v[0-9]+]], v0, #0
; CHECK-DAG: sshll2.2d [[BLOCK1_HI:v[0-9]+]], v1, #0
; CHECK-DAG: sshll2.2d [[BLOCK2_HI:v[0-9]+]], v2, #0
; CHECK-DAG: sshll2.2d [[BLOCK3_HI:v[0-9]+]], v3, #0
; CHECK-DAG: sshll.2d [[BLOCK0_LO:v[0-9]+]], v0, #0
; CHECK-DAG: sshll.2d [[BLOCK1_LO:v[0-9]+]], v1, #0

```



```

; CHECK-DAG: sshll.2d [[BLOCK2_LO:v[0-9]+]], v2, #0
; CHECK-DAG: sshll.2d [[BLOCK3_LO:v[0-9]+]], v3, #0

; Next, convert each to double.
; CHECK-DAG: scvtf.2d v0, [[BLOCK0_LO]]
; CHECK-DAG: scvtf.2d v1, [[BLOCK0_HI]]
; CHECK-DAG: scvtf.2d v2, [[BLOCK1_LO]]
; CHECK-DAG: scvtf.2d v3, [[BLOCK1_HI]]
; CHECK-DAG: scvtf.2d v4, [[BLOCK2_LO]]
; CHECK-DAG: scvtf.2d v5, [[BLOCK2_HI]]
; CHECK-DAG: scvtf.2d v6, [[BLOCK3_LO]]
; CHECK-DAG: scvtf.2d v7, [[BLOCK3_HI]]

; CHECK: ret
%flt = sitofp <16 x i32> %in to <16 x double>
%res = fdiv <16 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0,
double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0>
ret <16 x double> %res
}

; This one is small enough to satisfy isSimple, but still illegally large.
define <4 x double> @test_sitofp_fixed_shortish(<4 x i64> %in) {
; CHECK-LABEL: test_sitofp_fixed_shortish:

; CHECK-DAG: scvtf.2d v0, v0
; CHECK-DAG: scvtf.2d v1, v1

; CHECK: ret
%flt = sitofp <4 x i64> %in to <4 x double>
%res = fdiv <4 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0>
ret <4 x double> %res
}
; RUN: opt %s -inline -S | FileCheck %s

define internal void @innerSmall() "min-legal-vector-width"="128" {
ret void
}

define internal void @innerLarge() "min-legal-vector-width"="512" {
ret void
}

define internal void @innerNoAttribute() {
ret void
}

; We should not add an attribute during inlining. No attribute means unknown.

```

```

; Inlining doesn't change the fact that we don't know anything about this
; function.
define void @outerNoAttribute() {
  call void @innerLarge()
  ret void
}

define void @outerConflictingAttributeSmall() "min-legal-vector-width"="128" {
  call void @innerLarge()
  ret void
}

define void @outerConflictingAttributeLarge() "min-legal-vector-width"="512" {
  call void @innerSmall()
  ret void
}

```

; We should remove the attribute after inlining since the callee's  
vector width requirements are unknown.

```

define void @outerAttribute() "min-legal-vector-width"="128" {
  call void @innerNoAttribute()
  ret void
}

```

```

; CHECK: define void @outerNoAttribute() {
; CHECK: define void @outerConflictingAttributeSmall() #0
; CHECK: define void @outerConflictingAttributeLarge() #0
; CHECK: define void @outerAttribute() {
; CHECK: attributes #0 = { "min-legal-vector-width"="512" }
; RUN: opt -consthoist -S -o - %s | FileCheck %s
target datalayout = "e-m:e-p:32:32-i64:64-v128:64:128-a:0:32-n32-S64"
target triple = "thumbv6m-none--musleabi"

```

```

; Check that for i8 type, the maximum legal offset is 31.
; Also check that an constant used as value to be stored rather than
; pointer in a store instruction is hoisted.
; CHECK: foo_i8
; CHECK-DAG: %[[C1:const[0-9]?]] = bitcast i32 805874720 to i32
; CHECK-DAG: %[[C2:const[0-9]?]] = bitcast i32 805874688 to i32
; CHECK-DAG: %[[C3:const[0-9]?]] = bitcast i32 805873720 to i32
; CHECK-DAG: %[[C4:const[0-9]?]] = bitcast i32 805873688 to i32
; CHECK: %0 = inttoptr i32 %[[C2]] to i8*
; CHECK-NEXT: %1 = load volatile i8, i8* %0
; CHECK-NEXT: %[[M1:const_mat[0-9]?]] = add i32 %[[C2]], 4
; CHECK-NEXT: %2 = inttoptr i32 %[[M1]] to i8*
; CHECK-NEXT: %3 = load volatile i8, i8* %2
; CHECK-NEXT: %[[M2:const_mat[0-9]?]] = add i32 %[[C2]], 31
; CHECK-NEXT: %4 = inttoptr i32 %[[M2]] to i8*

```

```

; CHECK-NEXT: %5 = load volatile i8, i8* %4
; CHECK-NEXT: %6 = inttoptr i32 %[[C1]] to i8*
; CHECK-NEXT: %7 = load volatile i8, i8* %6
; CHECK-NEXT: %[[M3:const_mat[0-9]?]] = add i32 %[[C1]], 7
; CHECK-NEXT: %8 = inttoptr i32 %[[M3]] to i8*
; CHECK-NEXT: %9 = load volatile i8, i8* %8
; CHECK-NEXT: %10 = inttoptr i32 %[[C4]] to i8*
; CHECK-NEXT: store i8 %9, i8* %10
; CHECK-NEXT: %[[M4:const_mat[0-9]?]] = add i32 %[[C4]], 31
; CHECK-NEXT: %11 = inttoptr i32 %[[M4]] to i8*
; CHECK-NEXT: store i8 %7, i8* %11
; CHECK-NEXT: %12 = inttoptr i32 %[[C3]] to i8*
; CHECK-NEXT: store i8 %5, i8* %12
; CHECK-NEXT: %[[M5:const_mat[0-9]?]] = add i32 %[[C3]], 7
; CHECK-NEXT: %13 = inttoptr i32 %[[M5]] to i8*
; CHECK-NEXT: store i8 %3, i8* %13
; CHECK-NEXT: %[[M6:const_mat[0-9]?]] = add i32 %[[C1]], 80
; CHECK-NEXT: %14 = inttoptr i32 %[[M6]] to i8*
; CHECK-NEXT: store i8* %14, i8** @goo

```

```
@goo = global i8* undef
```

```

define void @foo_i8() {
entry:
%0 = load volatile i8, i8* inttoptr (i32 805874688 to i8*)
%1 = load volatile i8, i8* inttoptr (i32 805874692 to i8*)
%2 = load volatile i8, i8* inttoptr (i32 805874719 to i8*)
%3 = load volatile i8, i8* inttoptr (i32 805874720 to i8*)
%4 = load volatile i8, i8* inttoptr (i32 805874727 to i8*)
store i8 %4, i8* inttoptr(i32 805873688 to i8*)
store i8 %3, i8* inttoptr(i32 805873719 to i8*)
store i8 %2, i8* inttoptr(i32 805873720 to i8*)
store i8 %1, i8* inttoptr(i32 805873727 to i8*)
store i8* inttoptr(i32 805874800 to i8*), i8** @goo
ret void
}

```

```

; Check that for i16 type, the maximum legal offset is 62.
; CHECK: foo_i16
; CHECK-DAG: %[[C1:const[0-9]?]] = bitcast i32 805874752 to i32
; CHECK-DAG: %[[C2:const[0-9]?]] = bitcast i32 805874688 to i32
; CHECK: %0 = inttoptr i32 %[[C2]] to i16*
; CHECK-NEXT: %1 = load volatile i16, i16* %0, align 2
; CHECK-NEXT: %[[M1:const_mat[0-9]?]] = add i32 %[[C2]], 4
; CHECK-NEXT: %2 = inttoptr i32 %[[M1]] to i16*
; CHECK-NEXT: %3 = load volatile i16, i16* %2, align 2
; CHECK-NEXT: %[[M2:const_mat[0-9]?]] = add i32 %[[C2]], 32
; CHECK-NEXT: %4 = inttoptr i32 %[[M2]] to i16*

```

```

; CHECK-NEXT: %5 = load volatile i16, i16* %4, align 2
; CHECK-NEXT: %[[M3:const_mat[0-9]?]] = add i32 %[[C2]], 62
; CHECK-NEXT: %6 = inttoptr i32 %[[M3]] to i16*
; CHECK-NEXT: %7 = load volatile i16, i16* %6, align 2
; CHECK-NEXT: %8 = inttoptr i32 %[[C1]] to i16*
; CHECK-NEXT: %9 = load volatile i16, i16* %8, align 2
; CHECK-NEXT: %[[M4:const_mat[0-9]?]] = add i32 %[[C1]], 22
; CHECK-NEXT: %10 = inttoptr i32 %[[M4]] to i16*
; CHECK-NEXT: %11 = load volatile i16, i16* %10, align 2

```

```

define void @foo_i16() {
entry:
%0 = load volatile i16, i16* inttoptr (i32 805874688 to i16*), align 2
%1 = load volatile i16, i16* inttoptr (i32 805874692 to i16*), align 2
%2 = load volatile i16, i16* inttoptr (i32 805874720 to i16*), align 2
%3 = load volatile i16, i16* inttoptr (i32 805874750 to i16*), align 2
%4 = load volatile i16, i16* inttoptr (i32 805874752 to i16*), align 2
%5 = load volatile i16, i16* inttoptr (i32 805874774 to i16*), align 2
ret void
}

```

```

; Check that for i32 type, the maximum legal offset is 124.
; CHECK: foo_i32
; CHECK-DAG: %[[C1:const[0-9]?]] = bitcast i32 805874816 to i32
; CHECK-DAG: %[[C2:const[0-9]?]] = bitcast i32 805874688 to i32
; CHECK: %0 = inttoptr i32 %[[C2]] to i32*
; CHECK-NEXT: %1 = load volatile i32, i32* %0, align 4
; CHECK-NEXT: %[[M1:const_mat[0-9]?]] = add i32 %[[C2]], 4
; CHECK-NEXT: %2 = inttoptr i32 %[[M1]] to i32*
; CHECK-NEXT: %3 = load volatile i32, i32* %2, align 4
; CHECK-NEXT: %[[M2:const_mat[0-9]?]] = add i32 %[[C2]], 124
; CHECK-NEXT: %4 = inttoptr i32 %[[M2]] to i32*
; CHECK-NEXT: %5 = load volatile i32, i32* %4, align 4
; CHECK-NEXT: %6 = inttoptr i32 %[[C1]] to i32*
; CHECK-NEXT: %7 = load volatile i32, i32* %6, align 4
; CHECK-NEXT: %[[M3:const_mat[0-9]?]] = add i32 %[[C1]], 8
; CHECK-NEXT: %8 = inttoptr i32 %[[M3]] to i32*
; CHECK-NEXT: %9 = load volatile i32, i32* %8, align 4
; CHECK-NEXT: %[[M4:const_mat[0-9]?]] = add i32 %[[C1]], 12
; CHECK-NEXT: %10 = inttoptr i32 %[[M4]] to i32*
; CHECK-NEXT: %11 = load volatile i32, i32* %10, align 4

```

```

define void @foo_i32() {
entry:
%0 = load volatile i32, i32* inttoptr (i32 805874688 to i32*), align 4
%1 = load volatile i32, i32* inttoptr (i32 805874692 to i32*), align 4
%2 = load volatile i32, i32* inttoptr (i32 805874812 to i32*), align 4
%3 = load volatile i32, i32* inttoptr (i32 805874816 to i32*), align 4

```

```
%4 = load volatile i32, i32* inttoptr (i32 805874824 to i32*), align 4
%5 = load volatile i32, i32* inttoptr (i32 805874828 to i32*), align 4
ret void
}
```

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```
; RUN: llc < %s -mtriple=x86_64-linux-android -mattr=+mmx -enable-legalize-types-checking | FileCheck %s
;
; D31946
; Check that we dont end up with the ""LLVM ERROR: Cannot select" error.
; Additionally ensure that the output code actually put fp128 values in SSE registers.
```

```
declare fp128 @llvm.fabs.f128(fp128)
declare fp128 @llvm.copysign.f128(fp128, fp128)

define fp128 @TestSelect(fp128 %a, fp128 %b) {
    %cmp = fcmp ogt fp128 %a, %b
    %sub = fsub fp128 %a, %b
    %res = select i1 %cmp, fp128 %sub, fp128 0xL00000000000000000000000000000000
    ret fp128 %res
; CHECK-LABEL: TestSelect:
; CHECK    movaps 16(%rsp), %xmm1
; CHECK-NEXT callq __subtf3
; CHECK-NEXT testl %ebx, %ebx
; CHECK-NEXT jg .LBB0_2
; CHECK-NEXT # %bb.1:
; CHECK-NEXT movaps .LCPI0_0(%rip), %xmm0
```



```

; CHECK-NEXT .LBB0_2:
; CHECK-NEXT addq $32, %rsp
; CHECK-NEXT popq %rbx
; CHECK-NEXT retq
}

define fp128 @TestFabs(fp128 %a) {
    %res = call fp128 @llvm.fabs.f128(fp128 %a)
    ret fp128 %res
; CHECK-LABEL: TestFabs:
; CHECK    andps .LCPI1_0(%rip), %xmm0
; CHECK-NEXT retq
}

define fp128 @TestCopysign(fp128 %a, fp128 %b) {
    %res = call fp128 @llvm.copysign.f128(fp128 %a, fp128 %b)
    ret fp128 %res
; CHECK-LABEL: TestCopysign:
; CHECK    andps .LCPI2_1(%rip), %xmm0
; CHECK-NEXT orps %xmm1, %xmm0
; CHECK-NEXT retq
}

define fp128 @TestFneg(fp128 %a) {
    %mul = fmul fp128 %a, %a
    %res = fsub fp128 0xL00000000000000008000000000000000, %mul
    ret fp128 %res
; CHECK-LABEL: TestFneg:
; CHECK    movaps %xmm0, %xmm1
; CHECK-NEXT callq __multf3
; CHECK-NEXT xorps .LCPI3_0(%rip), %xmm0
; CHECK-NEXT popq %rax
; CHECK-NEXT retq
}
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```

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 */
```

Found in path(s):

```
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-
jar/com/mchange/v2/c3p0/management/PooledDataSourceManager.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-
jar/com/mchange/v2/c3p0/test/JavaBeanRefTest.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-
jar/com/mchange/v2/c3p0/impl/NullStatementSetManagedResultSet.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-
jar/com/mchange/v2/c3p0/test/C3P0BenchmarkApp.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-
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jar/com/mchange/v2/resourcepool/ResourcePoolEventSupport.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/PoolConfig.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/stmt/PerConnectionMaxOnlyStatementCache.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/AbstractConnectionTester.java  
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jar/com/mchange/v2/c3p0/test/OneThreadRepeatedInsertOrQueryTest.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/impl/IdentityTokenized.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/cfg/C3P0ConfigFinder.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/PoolBackedDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/example/IsValidOnlyConnectionTester30.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/resourcepool/EventSupportingResourcePool.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/filter/FilterDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/test/JndiLookupTest.java  
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jar/com/mchange/v2/c3p0/AbstractConnectionCustomizer.java  
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\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/off/servlet/C3P0StatusServlet.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/DriverManagerDataSourceFactory.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/impl/DbAuth.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/test/junit/MarshallUnmarshallDataSourcesJUnitTestCase.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/management/PooledDataSourceManagerMBean.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/impl/InternalPooledConnection.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/util/ConnectionEventSupport.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/impl/C3P0JavaBeanObjectFactory.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
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\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/stmt/GooGooStatementCache.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-



jar/com/mchange/v2/c3p0/WrapperConnectionPoolDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/codegen/BeangenDataSourceGenerator.java  
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\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/stmt/MemoryCoalescedStatementCacheKey.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
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\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/impl/C3P0PooledConnectionPool.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/test/TestConnectionCustomizer.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/DriverManagerDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/C3P0Registry.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/codegen/JdbcProxyGenerator.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/IndiRefConnectionPoolDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-

jar/com/mchange/v2/c3p0/jboss/C3P0PooledDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/test/AlwaysFailDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/mbean/C3P0PooledDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/SQLWarnings.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/C3P0ProxyConnection.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/test/junit/C3P0JUnitTestCaseBase.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/impl/C3P0PooledConnectionPoolManager.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/resourcepool/NoGoodResourcesException.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/test/JndiBindTest.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/stmt/StatementCacheBenchmark.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/JndiRefForwardingDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/test/AlwaysFailConnectionTester.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/C3P0ProxyStatement.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/stmt/StatementCacheKey.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/test/RawConnectionOpTest.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/ConnectionCustomizer.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/resourcepool/CannotAcquireResourceException.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/mbean/C3P0PooledDataSourceMBean.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/debug/AfterCloseLoggingComboPooledDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/resourcepool/ResourcePool.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/debug/CloseLoggingComboPooledDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/FullQueryConnectionTester.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/management/C3P0RegistryManager.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/QueryConnectionTester.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-

jar/com/mchange/v2/c3p0/ComboPooledDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/debug/AfterCloseLoggingConnectionWrapper.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/resourcepool/BasicResourcePoolFactory.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/codegen/UnsupportedParentLoggerGeneratorExtension.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/resourcepool/ResourcePoolEvent.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/management/ManagementCoordinator.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/impl/NewPooledConnection.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/impl/SnatchFromResultSet.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/impl/AbstractIdentityTokenized.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/test/PSLoadPoolBackedDataSource.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/stmt/SimpleStatementCacheKey.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/debug/CloseLoggingConnectionWrapper.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/stmt/DoubleMaxStatementCache.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/resourcepool/TimeoutException.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/stmt/ValueIdentityStatementCacheKey.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/resourcepool/ResourcePoolListener.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/subst/C3P0Substitutions.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/UnifiedConnectionTester.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/codegen/C3P0ImplUtilsParentLoggerGeneratorExtension.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/impl/C3P0ImplUtils.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/resourcepool/BasicResourcePool.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/impl/IdentityTokenizedCoalesceChecker.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/test/junit/ConnectionPropertiesResetJUnitTestCase.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-  
jar/com/mchange/v2/c3p0/stmt/StatementCache.java  
\* /opt/cola/permits/1150985920\_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-

```
jar/com/mchange/v2/c3p0/cfg/C3P0ConfigUtils.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-
jar/com/mchange/v2/c3p0/test/ProxyWrappersTest.java
```

# 1.285 tcsh 6.20.00

## 1.285.1 Available under license :

```
/*-
* Copyright (c) 1980, 1991 The Regents of the University of California.
* All rights reserved.
*
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* modification, are permitted provided that the following conditions
* are met:
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* ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*/
/*
* config.h -- configure various defines for tcsh
*
* All source files should #include this FIRST.
*
* Edit this to match your system type.
*/

#ifndef _h_config
#define _h_config
/****** System dependant compilation flags *****/
/*
```

```

* POSIX This system supports IEEE Std 1003.1-1988 (POSIX).
*/
#undef POSIX

/*
* POSIXJOBS This system supports the optional IEEE Std 1003.1-1988 (POSIX)
* job control facilities.
*/
#undef POSIXJOBS

/*
* VFORK This machine has a vfork().
* It used to be that for job control to work, this define
* was mandatory. This is not the case any more.
* If you think you still need it, but you don't have vfork,
* define this anyway and then do #define vfork fork.
* I do this anyway on a Sun because of yellow pages brain damage,
* [should not be needed under 4.1]
* and on the iris4d cause SGI's fork is sufficiently "virtual"
* that vfork isn't necessary. (Besides, SGI's vfork is weird).
* Note that some machines eg. rs6000 have a vfork, but not
* with the berkeley semantics, so we cannot use it there either.
*/
#define VFORK

/*
* BSDJOBS You have BSD-style job control (both process groups and
* a tty that deals correctly
*/
#define BSDJOBS

/*
* BSDTIMES You have BSD-style process time stuff (like rusage)
* This may or may not be true. For example, Apple Unix
* (OREO) has BSDJOBS but not BSDTIMES.
*/
#define BSDTIMES

/*
* BSDLIMIT You have BSD-style resource limit stuff (getrlimit/setrlimit)
*/
#define BSDLIMIT

/*
* TERMIO You have struct termio instead of struct sgtyb.
* This is usually the case for SYSV systems, where
* BSD uses sgtyb. POSIX systems should define this
* anyway, even though they use struct termios.

```

```

*/
#undef TERMIO

/*
* SYSVREL Your machine is SYSV based (HPUX, A/UX)
* NOTE: don't do this if you are on a Pyramid -- tcsh is
* built in a BSD universe.
* Set SYSVREL to 1, 2, 3, or 4, depending the version of System V
* you are running. Or set it to 0 if you are not SYSV based
*/
#define SYSVREL 0

/*
* YPBUGS Work around Sun YP bugs that cause expansion of ~username
* to send command output to /dev/null
*/
#undef YPBUGS

/***** local defines *****/

#endif /* _h_config */

```

## 1.286 javassist 3.22.0-CR2

### 1.286.1 Available under license :

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

```

/*
* Javassist, a Java-bytecode translator toolkit.
* Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.
*
* The contents of this file are subject to the Mozilla Public License Version
* 1.1 (the "License"); you may not use this file except in compliance with
* the License. Alternatively, the contents of this file may be used under
* the terms of the GNU Lesser General Public License Version 2.1 or later,
* or the Apache License Version 2.0.
*
* Software distributed under the License is distributed on an "AS IS" basis,
* WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License
* for the specific language governing rights and limitations under the
* License.
*/

```

Found in path(s):

```

* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-
jar/javassist/CtNewConstructor.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-

```

jar/javassist/compiler/MemberResolver.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/CtPrimitiveType.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/analysis/Executor.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/URLClassPath.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/NoFieldException.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/reflect/Metalevel.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/rmi/AppletServer.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/ast/FieldDecl.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/ClassFilePrinter.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/InstructionPrinter.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/StackMapTable.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/ClassClassPath.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/expr/MethodCall.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/stackmap/TypedBlock.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/ast/NewExpr.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/ast/ASTList.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/ExceptionsAttribute.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/ClassPath.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/CodeConverter.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/scopedpool/ScopedClassPoolRepository.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/Bytecode.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/LineNumberAttribute.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/Parser.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/CodeIterator.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/Opcodes.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/runtime/Desc.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/InnerClassesAttribute.java



\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/reflect/CannotInvokeException.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/ast/ASTree.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/CtNewNestedClass.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/CtMethod.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/util/proxy/Proxy.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/ast/CastExpr.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/CodeGen.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/runtime/Inner.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/LocalVariableTypeAttribute.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/ast/BinExpr.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/convert/TransformBefore.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/CompileError.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/scopedpool/SoftValueHashMap.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/CtField.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/stackmap/BasicBlock.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/SourceFileAttribute.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/SyntheticAttribute.java  
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\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/TokenId.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/SignatureAttribute.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/scopedpool/ScopedClassPoolFactory.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/analysis/MultiType.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/SerialVersionUID.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/Lex.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/FieldInfo.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/web/Webserver.java

\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/analysis/Frame.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/expr/ConstructorCall.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/Loader.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/CtNewWrappedMethod.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/AnnotationDefaultAttribute.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/convert/TransformWriteField.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/runtime/DotClass.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/ast/MethodDecl.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/rmi/RemoteException.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/ClassPoolTail.java  
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\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/IntegerMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/CharMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/BooleanMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/ByteMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/DoubleMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-

jar/javassist/bytecode/annotation/ShortMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-  
jar/javassist/bytecode/annotation/FloatMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-  
jar/javassist/bytecode/annotation/Annotation.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-  
jar/javassist/bytecode/annotation/ClassMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-  
jar/javassist/bytecode/annotation/MemberValueVisitor.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-  
jar/javassist/bytecode/annotation/LongMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-  
jar/javassist/bytecode/annotation/StringMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-  
jar/javassist/bytecode/annotation/AnnotationMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-  
jar/javassist/bytecode/annotation/EnumMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-  
jar/javassist/bytecode/annotation/ArrayMemberValue.java  
\* /opt/cola/permits/1110631093\_1606841297.59/0/javassist-3-22-0-cr2-sources-2-  
jar/javassist/bytecode/annotation/MemberValue.java

## 1.287 cast 1.3.1

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# 1.288 jetty-continuation 9.2.13.v20150730

## 1.289 openssl 1.1.1g

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

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

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

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

the library.

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

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

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

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

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

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

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

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

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

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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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.

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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.

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

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

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

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

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

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

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

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

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

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

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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.

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

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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.

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<one line to give the library's name and a brief idea of what it does.>  
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```
<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice
```

That's all there is to it!

@ignore

@c Set file name and title for man page.

@setfilename gpl

@settitle GNU General Public License

@c man begin SEEALSO  
gfdl(7), fsf-funding(7).  
@c man end  
@c man begin COPYRIGHT  
Copyright @copyright{ } 2007 Free Software Foundation, Inc.

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@c man end  
@end ignore  
@node Copying  
@c man begin DESCRIPTION  
@unnumbered GNU General Public License  
@center Version 3, 29 June 2007

@c This file is intended to be included in another file.

@display  
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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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

@heading TERMS AND CONDITIONS

@enumerate 0

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A ``covered work" means either the unmodified Program or a work based on the Program.

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@item Source Code.

The ``source code" for a work means the preferred form of the work for making modifications to it. ``Object code" means any non-source form of a work.

A ``Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The ``System Libraries" of an executable work include anything, other

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You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

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@item

The work must carry prominent notices stating that you modified it, and giving a relevant date.

@item



The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to ``keep intact all notices".

@item

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@enumerate a

@item

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@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written

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@item

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.

@item

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.

@item

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## HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.

The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.

Thomas Funke (thf@zelator.in-berlin.de(?)) and  
Brian D. Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.  
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.  
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader  
specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and  
Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and  
Dave Detlefs (detlefs@src.dec.com) also provided several generic bug fixes.  
Alistair G. Crooks (agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports.  
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.  
Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to  
a Motorola 88K processor running CX/UX (Harris NightHawk).  
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to  
nonIBM development environments (a nontrivial task).  
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.  
David Chase, then at Olivetti Research, suggested several improvements.  
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the  
code to save and print call stacks for leak detection on a SPARC.  
Jesse Hull and John Ellis supplied the C++ interface code.  
Zhong Shao performed much of the experimentation that led to the  
current typed allocation facility. (His dynamic type inference code hasn't  
made it into the released version of the collector, yet.)  
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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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```
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This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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For example, on rare occasions, there may be a special need to



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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

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Version 2.1, February 1999

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* /opt/cola/permits/1001100689_1651084720.69/0/jetty-xml-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/xml/XmlConfiguration.java
* /opt/cola/permits/1001100689_1651084720.69/0/jetty-xml-9-2-13-v20150730-sources-
jar/org/eclipse/jetty/xml/XmlAppendable.java
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jar/org/eclipse/jetty/xml/XmlParser.java
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## 1.296 antlr-runtime 4.5.1-1

## 1.297 bison 3.0.4

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Copyright (C) <year> <name of author>
```

```
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```

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

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```
#!/usr/bin/perl -0777 -pi
```

```
# Update b4_copyright invocations or b4_copyright_years definitions to
# include the current year.
```

```
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```

```
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```

```
#
```

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```

```
#
```

```
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```

```
use strict;
use warnings;
```

```
my $margin = 72;
```

```

my $this_year = $ENV{UPDATE_COPYRIGHT_YEAR};
if (!$this_year || $this_year !~ m/^\d{4}$/)
{
    my ($sec, $min, $hour, $mday, $month, $year) = localtime (time ());
    $this_year = $year + 1900;
}
my $old_re = <<'EOF'
(
    (?^\n)
    #BEFORE
    (?
        b4_copyright\(\[[^\]]*\]
        | m4_(?:push|pop)def\(\[b4_copyright_years]
    )
    #AFTER
)
, \s*
(
    \[ \s* (?:\d{4}(?:,\s*|-))* (\d{4}) \s* ]
)
)?
\
EOF
;

while (/( $old_re )/gx)
{
    my $start = pos() - length ($1);
    my $b4_copyright_line = $2;
    my $year_lines = $3;
    my $final_year = $4;
    $year_lines .= ' ';

    # If there was a second argument, it contains years, so update them.
    if ($final_year)
    {
        $b4_copyright_line .= ' ';
        if ($final_year != $this_year)
        {
            # Update the year.
            $year_lines =~ s/$final_year/$final_year, $this_year/;
        }

        # Normalize all whitespace.
        $year_lines =~ s/\s+/ /g;
    }
}

```

```

# Put spaces after commas.
$year_lines =~ s/, ?/, /g;

# Compress to intervals.
$year_lines =~
s/
(\d{4})
(?:
(,|-)
((?){
if ($2 eq '-') { \d{4}'; }
elsif (!$3) { $1 + 1; }
else { $3 + 1; }
}))
)+
/$1-$3/gx;

# Format within margin.
my $year_lines_new;
my $indent = index ($b4_copyright_line, '[');
--$indent if ($b4_copyright_line =~ m/^\n/);
while (length $year_lines)
{
my $text_margin = $margin - $indent;
if (($year_lines =~ s/^(.{1,$text_margin})(?: |$)//)
|| ($year_lines =~ s/^(|[S]+)(?: |$)//))
{
my $line = "\n" . ('x'$indent) . $1;
++$indent if (!$year_lines_new);
$year_lines_new .= $line;
}
else
{
# Should be unreachable, but we don't want an infinite
# loop if it can be reached.
die;
}
}
}

# Replace the old invocation. Should never die.
die if (!s/$old_re/G/$b4_copyright_line$year_lines_new/x);

# Prepare for the next search.
pos () = $start + length (" $b4_copyright_line$year_lines_new");
}
}

while (/(\bb4_copyright\()/g)

```

```

{
  my $start = pos () - length ($1);
  my $end = pos ();
  my $re = $old_re;
  pos () = $start;
  $re =~ s/#BEFORE//G;
  if (!$re/x)
  {
    my $line = (substr ($_, 0, $start) =~ s/\n/g) + 1;
    print STDERR
      "$ARGV:$line: warning: failed to update a b4_copyright\n";
  }
  pos () = $end;
}

while (/([b4_copyright_years])/g)
{
  my $start = pos () - length ($1);
  my $end = pos ();
  my $re = $old_re;
  $re =~ s/#AFTER//G;
  if (!$re/x)
  {
    # The substr operation blows away pos (), so restoring pos ()
    # at the end is necessary.
    my $line = (substr ($_, 0, $start) =~ s/\n/g) + 1;
    print STDERR
      "$ARGV:$line: warning: failed to update a"
      ". " b4_copyright_years\n";
  }
  pos () = $end;
}

```

## 1.298 json-smart 2.2.1

### 1.298.1 Available under license :

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```

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*

```



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\*/

Found in path(s):

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-  
jar/net/minidev/json/writer/DefaultMapper.java

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/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-  
jar/net/minidev/json/writer/JsonReader.java

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-  
jar/net/minidev/json/parser/JSONParserByteArray.java

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-  
jar/net/minidev/json/JSONAwareEx.java

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-  
jar/net/minidev/json/parser/JSONParser.java

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-  
jar/net/minidev/json/parser/JSONParserString.java

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-  
jar/net/minidev/json/writer/CollectionMapper.java

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-  
jar/net/minidev/json/parser/ParseException.java

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONValue.java

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONObject.java

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-  
jar/net/minidev/json/writer/JsonReaderI.java

\* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONNavi.java

- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/DefaultMapperOrdered.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserInputStream.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/CompressorMapper.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONStreamAware.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/ArraysMapper.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserMemory.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONUtil.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserReader.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/DefaultMapperCollection.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONAware.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JStylerObj.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/JSONArray.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserBase.java
- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/writer/FakeMapper.java
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- \* /opt/cola/permits/1000738114\_1651084661.34/0/json-smart-2-2-1-sources-jar/net/minidev/json/parser/JSONParserStream.java
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## 1.299 commons-lang3 3.4

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*/
/**
* A registry for service provider objects.
* <p/>
* Service providers are looked up from the classpath, under the path
* { @code META-INF/services/}&lt;full-class-name&gt;.
* <p/>
* For example:<br/>
* { @code META-INF/services/com.company.package.spi.MyService }.
* <p/>
* The file should contain a list of fully-qualified concrete class names,
* one per line.
* <p/>
* The <em>full-class-name</em> represents an interface or (typically) an
* abstract class, and is the same class used as the category for this registry.
* Note that only one instance of a concrete subclass may be registered with a
* specific category at a time.
* <p/>
* <small>Implementation detail: This class is a clean room implementation of
* a service registry and does not use the proprietary { @code sun.misc.Service}
* class that is referred to in the <em>JAR File specification</em>.
* This class should work on any Java platform.
* </small>
*
* @author <a href="mailto:harald.kuhr@gmail.com">Harald Kuhr</a>
* @version $Id: com/twelvemonkeys/util/service/ServiceRegistry.java#2 $
* @see RegisterableService
* @see <a href="http://java.sun.com/j2se/1.3/docs/guide/jar/jar.html#Service%20Provider">JAR File
Specification</a>
*/

```

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jar/com/twelvemonkeys/util/LRUMap.java  
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jar/com/twelvemonkeys/util/convert/pacakge\_info.java  
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jar/com/twelvemonkeys/util/StringTokenIterator.java  
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jar/com/twelvemonkeys/util/convert/ConversionException.java  
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jar/com/twelvemonkeys/util/WeakWeakMap.java  
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jar/com/twelvemonkeys/util/Visitor.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-  
jar/com/twelvemonkeys/lang/ReflectUtil.java  
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jar/com/twelvemonkeys/lang/package\_info.java

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\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-jar/com/twelvemonkeys/util/service/RegisterableService.java  
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\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-jar/com/twelvemonkeys/lang/SystemUtil.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-jar/com/twelvemonkeys/util/ExpiringMap.java

\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-jar/com/twelvemonkeys/util/service/package\_info.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-jar/com/twelvemonkeys/util/LinkedMap.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-jar/com/twelvemonkeys/util/BeanMap.java  
\* /opt/cola/permits/1000760692\_1646171562.79/0/common-lang-3-4-sources-jar/com/twelvemonkeys/util/Time.java  
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# 1.300 httpcomponents-core 4.4.10

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## 1.302 clang 6.0.0

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- \* /opt/cola/permits/1135983023\_1613644830.93/0/clang-6-0-0-tar-gz/clang-6.0.0/clang/\_\_init\_\_.py
- \* /opt/cola/permits/1135983023\_1613644830.93/0/clang-6-0-0-tar-gz/clang-6.0.0/examples/cindex/cindex-dump.py
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Metadata-Version: 1.0

Name: clang

Version: 6.0.0

Summary: UNKNOWN

Home-page: <https://github.com/ethanhs/clang>

Author: Ethan Smith

Author-email: [ethan@ethanhs.me](mailto:ethan@ethanhs.me)

License: UNKNOWN

Description: UNKNOWN

Platform: UNKNOWN

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- \* /opt/cola/permits/1135983023\_1613644830.93/0/clang-6-0-0-tar-gz/clang-6.0.0/clang.egg-info/PKG-INFO
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# 1.303 libjpeg 8d

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This is Debian's prepackaged version of the `jpeg library' by the Independent JPEG Group.

This package was created by Mark Mickan <mmickan@debian.org> from sources which can be found at <ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz>

It is partly based on the libjpeg6a package originally put together by Andy Guy <awpguy@acs.ualgary.ca> and later maintained by Mark Mickan.

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# 1.304 jansson 2.5

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# 1.306 boost 1.66.0

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Mathias Koch (mkoch - at - idesis.de 7 : email to boost-owner@lists.boost.org Sep 2007 13:20:09 +0200)

--- end ---

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Eclipse

The following artifacts are EPL.

\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.  
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons  
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

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

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MortBay



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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

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## 1.308 tcl 8.5.19

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## 1.311 libuv 1.19.2

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\*/

#ifndef UV\_BSD\_H

#define UV\_BSD\_H

```

#define UV_PLATFORM_FS_EVENT_FIELDS \
    uv__io_t event_watcher; \

#define UV_IO_PRIVATE_PLATFORM_FIELDS \
    int rcount; \
    int wcount; \

#define UV_HAVE_KQUEUE 1

#endif /* UV_BSD_H */
Files: *
=====

```

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# 1.315 pcre 8.43

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## THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

University of Cambridge Computing Service,  
Cambridge, England.

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## 1.316 go-toml 1.7.0

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## 1.317 pillow 1.1.6

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Name: custompalette

Columns: 4

#

0 0 0 Index 3

65 38 30 Index 4

103 62 49 Index 6

79 73 72 Index 7

114 101 97 Index 8

208 127 100 Index 9

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## 1.319 python 2.5.1

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |
| 2.4.3          | 2.4.2        | 2006      | PSF        | yes                 |
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