Open Source Used In CPS Microservices (DRA) DRA 21.1 Gold Candidate

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

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1.11 kingpin 0.4.0

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* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0-4-0-tar-gz/kingpin-0.4.0/setup.py

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* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0/kingpin/bin/__init__.py
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1.12 python 2.6.5

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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.

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.

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package spec

// License information for the exposed API.

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

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

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1.15 jackson-dataformat-yaml 2.10.5

1.15.1 Available under license:

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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1.16 diameter-core-parent 1.5.0

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1.17 jsch 0.1.42
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1.18 libuv 1.8.0 1
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1.21 hibernate-validator 5.2.4.Final
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 *
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 */
/**
 * Retrieves constraint related meta data for the parameters of the given executable.
 *
 * @param executable The executable of interest.
 *
 * @return A list with parameter meta data for the given executable.
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* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/constraints/SafeHtml.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/messageinterpolation/ResourceBundleMessageInterpolator.java
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* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/constraints/ConstraintComposition.java
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* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/resourceloading/CachingResourceBundleLocator.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/internal/metadata/aggregated/rule/ReturnValueMayOnlyBeMarkedOnceAsCascadedPerHierarchyLine.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/spi/constraintdefinition/package-info.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/hv/LengthValidator.java
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* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/resourceloading/LazyResourceBundleLocator.java
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* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/resourceloading/CachingResourceBundleLocator.java
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* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.20/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorManager.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.20/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/internal/util/logging/LoggerFactory.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.20/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/internal/engine/resolver/DefaultTraversableResolver.java
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* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.20/hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/past/PastValidatorForReadablePartial.java
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* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0.hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/internal/parameternameprovider/ParanamerParameterNameProvider.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0.hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/valuehandling/package-info.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0.hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/parameternameprovider/ParamamerParameterNameProvider.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0.hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/package-info.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0.hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/context/MethodTarget.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0.hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/cfg/context/MethodTarget.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0.hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/cfg/defs/EmailDef.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0.hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/internal/metadata/location/ConstraintLocation.java
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* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0.hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/internal/engine/ValidatorFactoryImpl.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0.hibernate-validator-5-2-4-final-sources-1.jar/org/hibernate/validator/constraints/URL.java

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~
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/NotNullValidator.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/GroupConversionHelper.java
* /opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/ConstructorInstance.java

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 */

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/*
 * A method-level constraint, that evaluates a script expression against the
 * annotated method or constructor. This constraint can be used to implement
 * validation routines that depend on several parameters of the annotated
 * executable.
 * </p>
 * <p>
 * Script expressions can be written in any scripting or expression language,
 * for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>
 * ("Scripting for the Java<sup>TM</sup> Platform") compatible engine can be
 * found on the classpath. To refer to a parameter within the scripting
 * expression, use its name as obtained by the active
 * [@link javax.validation.ParameterNameProvider]. By default, [@code arg0], [@code arg1] etc.
 * will be used as parameter names.
 * </p>
 * <p>
 * The following listing shows an example using the JavaScript engine which
 * comes with the JDK:
 */
<pre> {@code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
    public void createEvent(Date start, Date end) { ... }
  }
</pre>

Can be specified on any method or constructor.

@deprecated

@author Gunnar Morling

Found in path(s):
/opt/ws_local/PERMITS_SQL/1084613855_1598542557.2/0/hibernate-validator-5-2-4-final-sources-1-
jar/org/hibernate/validator/constraints/ParameterScriptAssert.java

1.22 activemq-jdbc-store 5.9.0

1.23 poi-examples 3.15

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1.26 jetty-security 9.3.9.v20160517

1.27 lua 5.1.5

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1.29 drop-wizard-metrics 1.0.0

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1.38 kbd 1.15.5 1ubuntu5

1.38.1 Available under license:

PP

rJ

```
# PC Screen (console) Fonts - psf1 header
#
# 0  leshort 0x0436 psf screen font data
# 2  byte 0 256 characters, no index
# 2  byte 1 512 characters, no index
# 2byte2256 characters, Unicode index
# 2byte3512 characters, Unicode index
# 2byte4256 characters, Unicode level 2 index
# 2byte5512 characters, Unicode level 2 index
# 3byte8x4
#
# # PC Screen (console) Fonts - psf2 header
#
# 0  lelong 0x864ab572 psf2 screen font data
# 12  lelong&1 1 with Unicode index
```

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src/resizecons.c src/screendump.c src/setkeycodes.c src/setleds.c
src/setmetamode.c src/setspaces.c src/showconsolefont.c
src/spawn_console.c src/spawn_login.c man/man1/chvt.1
man/man1/deallocvt.1 man/man1/kbd_mode.1 man/man1/setleds.1
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1.42 slf4j 1.6.0

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1.45 musl 1.1.19-r11

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1.46 zlib 1.2.8.dfsg-2ubuntu4.1

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package spec

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

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metrics from the pseudo-filesystem proc.

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Protocol Buffers for Go with Gadgets

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

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1.49 spring-expression 3.0.6.RELEASE

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() {}}

Found in path(s):
* // brackets must be in pairs
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Found in path(s):
* // Chew on the expression text - relying on the rules
* case '"
* case '"'
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Found in path(s):
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/SpelParseException.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/ParserContext.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/SpelEvaluationException.java
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"foo${expr0}bar${expr1}". The static

Found in path(s):
* * number of expressions all contained in "${...}" markers. For instance
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Found in path(s):
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/Expression.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/EvaluationContext.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/spel/ast/IntLiteral.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/common/ExpressionUtils.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/ConstructorResolver.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/spel/ast/PropertyOrFieldReference.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/spel/support/ReflectivePropertyAccessor.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/spel/support/StandardTypeConverter.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/common/TemplateParserContext.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/spel/ast/ConstructorReference.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/spel/ast/FunctionReference.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/spel/ast/Indexer.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/spel/support/ReflectiveConstructorExecutor.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
  jar/org/springframework/expression/spel/support/ReflectiveConstructorResolver.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/MethodResolver.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/support/ReflectiveMethodExecutor.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/TypeConverter.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/support/ReflectiveMethodResolver.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/BeanResolver.java

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" +

Found in path(s):
* " for expression starting at character " + prefixIndex + "
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case ']': case '}

Found in path(s):
* case ']
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Found in path(s):
* * http
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case ']': case '(': 

Found in path(s):
* case ']'
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square brackets [] round brackets () and curly brackets {}

Found in path(s):
* * * Bracket is used to describe
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Found in path(s):
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/support/BooleanTypedValue.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/ast/OpDivide.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/ast/Operator.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/ast/ParseException.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/ast/OperatorNot.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/ast/OpLE.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/ast/VariableReference.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/ast/SpelNodeImpl.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/standard/TokenKind.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/spel/ast/OpNE.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
jar/org/springframework/expression/common/CompositeStringExpression.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-
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1.50 failureaccess 1.0.1
1.51 javax-annotation-api 1.2

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 */
/**
 * Creates a new [@link AnalyzerAdapter]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)]
 * version.
 *
 * @param owner
 * the owner's class name.
 * @param access
 * the method's access flags (see [@link Opcodes]).
 * @param name
```
* the method's name.
* @param desc
  * the method's descriptor (see [@link Type Type]).
* @param mv
  * the method visitor to which this adapter delegates calls. May be <tt>null</tt>.
* @throws IllegalStateException
  * If a subclass calls this constructor.
*/

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 */

* 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.
*/
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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.
*/

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/**
 * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
 * version.
 * @param typeRef
 * a reference to the annotated type. See {@link TypeReference}.
 * @param typePath
 * the path to the annotated type argument, wildcard bound, array
 * element type, or static inner type within 'typeRef'. May be
 * <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 * the fist instructions corresponding to the continuous ranges
 * that make the scope of this local variable (inclusive).
 * @param end
 * the last instructions corresponding to the continuous ranges
 * that make the scope of this local variable (exclusive). This
 * array must have the same size as the 'start' array.
 * @param index
 * the local variable's index in each range. This array must have
 * the same size as the 'start' array.
 * @param desc
 * the class descriptor of the annotation class.
 */

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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):
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@throws IllegalStateException
If a subclass calls this constructor.

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    Name string `json:"name.omitempty"
    URL   string `json:"url.omitempty"
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Protocol Buffers for Go with Gadgets

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The inverse error function implementation in the Erf class is based on CUDA code developed by Mike Giles, Oxford-Man Institute of Quantitative Finance, and published in GPU Computing Gems, volume 2, 2010.

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Ty Coon, President of Vice

That's all there is to it!
Here is a list of the main contributors to lm-sensors version 3.

* Frodo Looijaard
  Original author of libsensors, sensors-detect, sensors and isadump.
* Merlin Hughes
  Original author of sensord.
* Bob Schlaermann
  Dynamic chip feature detection (a.k.a. generic chip support) in
  libsensors and sensors.
* Mark M. Hoffman
  Many improvements to the libsensors configuration file scanner.
* Jean Delvare
  New libsensors API, and migration of sensors and sensord thereto.
  Many optimizations in libsensors and sensors.
  Configuration file converter.
  Rewrite of sensors-detect.
  Support for multiple configuration files in libsensors.

1.67 initramfs-tools 0.122ubuntu8.17

1.67.1 Available under license :
This package was debianized by Jeff Bailey <jbailey@ubuntu.com> on

The current Debian maintainer are maximilian attems <maks@debian.org>
and Michael Prokop <mika@debian.org>.

The current ubuntu release can be found at:

The Debian tree is maintained with "git" at:
https://anonscm.debian.org/git/kernel/initramfs-tools.git
https://anonscm.debian.org/cgit/kernel/initramfs-tools.git

Authors: maximilian attems <maks@debian.org>,
Jeff Bailey <jbailey@ubuntu.com>,
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Martin Michlmayr <bm@cyrius.com>,
Michael Prokop <mika@debian.org>,

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1.68 spring-web-mvc 5.2.8.RELEASE

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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/FlashMapManager.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/support/SessionFlashMapManager.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/tags/form/PasswordInputTag.java

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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/view/document/AbstractXlsxView.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/NoHandlerFoundException.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/view/groovy/GroovyMarkupViewResolver.java
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/tags/HtmlEscapingAwareTag.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/view/groovy/GroovyMarkupConfig.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/resource/VersionPathStrategy.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/resource/VersionStrategy.java

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/**
* XSLT-driven View that allows for response context to be rendered as the
* result of an XSLT transformation.
*
* <p>The XSLT Source object is supplied as a parameter in the model and then
* [ @link #locateSource detected ] during response rendering. Users can either specify
* a specific entry in the model via the [ @link #setSourceKey sourceKey ] property or
* have Spring locate the Source object. This class also provides basic conversion
* of objects into Source implementations. See [ @link #getSourceTypes() here]
* for more details.
*
* <p>All model parameters are passed to the XSLT Transformer as parameters.
* In addition the user can configure [ @link #setOutputProperties output properties]
* to be passed to the Transformer.
*
* @author Rob Harrop
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/LastModified.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/support/RedirectAttributes.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/tags/form/OptionWriter.java
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/handler/AbstractDetectingUrlHandlerMapping.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/handler/SimpleServletHandlerAdapter.java
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/ServletForwardingController.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/resource/HttpResource.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/RedirectAttributesMethodArgumentResolver.java
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  jar/org/springframework/web/servlet/resource/ResourceUrlProvider.java
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/config/annotation/HandlerExceptionResolverComposite.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/resource/PathResourceResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/view/DefaultRequestToViewNameTranslator.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/view/script/ScriptTemplateConfig.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
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/**
 * A contract for inspecting and potentially modifying request data values such
 * as URL query parameters or form field values before they are rendered by a
 * view or before a redirect.
 *
 * <p>Implementations may use this contract for example as part of a solution
 * to provide data integrity, confidentiality, protection against cross-site
 * request forgery (CSRF), and others or for other tasks such as automatically
 * adding a hidden field to all forms and URLs.
 *
 * <p>View technologies that support this contract can obtain an instance to
 * delegate to via {@code RequestContext#getRequestDataValueProcessor()}.  
 *
 * @author Rossen Stoyanchev
 * @since 3.1
 */

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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/function/DefaultServerRequest.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/function/RequestPredicates.java
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/config/annotation/PathMatchConfigurer.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerAdapter.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerMapping.java
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# Please keep the list sorted.

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1.83 console-setup 1.108ubuntu15.5

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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

------

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

------

OW2

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

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

------

Apache

The following artifacts are ASL2 licensed.

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

------

MortBay

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

org.mortbay.jasper:apache-jsp
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1.87 python-defaults 2.7.12-1~16.04

1.87.1 Available under license:

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This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final
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.

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.

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

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Protocol Buffers for Go with Gadgets

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

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1.91 zlib 1.2.11

1.91.1 Available under license:

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   version 1.2.11, January 15th, 2017

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   Jean-loup Gailly        Mark Adler
   jloup@gzip.org          madler@alumni.caltech.edu

   The data format used by the zlib library is described by RFCs (Request for
   (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).
*/

1.92 dropwizard-jackson 1.0.0

1.93 jackson-jaxrs 2.7.6
1.93.1 Available under license:

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package gnu.classpath.tools.taglets;

import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.javadoc.Tag;

/**
 * A simple Taglet which handles Copyright information.
 */
public class CopyrightTaglet implements Taglet {

    private static final String NAME = "copyright";
    private static final String HEADER = "Copyright:";

    public String getName() {
        return NAME;
    }

    public boolean inField() {
        return true;
    }

    public boolean inConstructor() {
        return true;
    }

    public boolean inMethod() {
        return true;
    }

    public boolean inOverview() {
        return true;
    }

    public boolean inPackage() {
        return true;
    }

    public boolean inType() {
        return true;
    }

    public boolean isInlineTag() {
        return false;
    }

    public static void register(Map tagletMap) {
        CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
        tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
    }

    public String toString(Tag tag) {
        return toString(new Tag[] { tag });
    }

    public String toString(Tag[] tags) {

if (tags.length == 0) {
    return null;
} else {
    boolean haveValidTag = false;
    for (int i = 0; i < tags.length && !haveValidTag; ++i) {
        if (tags[i].text().length() > 0) {
            haveValidTag = true;
        }
    }
    if (haveValidTag) {
        StringBuffer result = new StringBuffer();
        result.append("<dl>");
        for (int i = 0; i < tags.length; i++) {
            if (tags[i].text().length() > 0) {
                result.append("<dt><i>Copyright © " + tags[i].text() + "</i></dt>\n                ");
            }
        }
        result.append("</dl>\n                ");
        return result.toString();
    } else {
        return null;
    }
}
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    xml:id="appendix.gfdl-1.3">
<info><title>GNU Free Documentation License</title></info>
<!--html filename="appendix_gfdl.html"-->

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

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

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

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

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

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

#ifndef __java_security_Permission__
define __java_security_Permission__

#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{
namespace security
{
   class Permission;
   class PermissionCollection;
}
}
}

class java::security::Permission : public ::java::lang::Object
{
public:
Permission(::java::lang::String *);
virtual void checkGuard(::java::lang::Object *);
virtual jboolean implies(::java::security::Permission *) = 0;
virtual jboolean equals(::java::lang::Object *) = 0;
virtual jint hashCode() = 0;
virtual ::java::lang::String * getName();
virtual ::java::lang::String * getActions() = 0;
virtual ::java::security::PermissionCollection * newPermissionCollection();
virtual ::java::lang::String * toString();
private:
static const jlong serialVersionUID = -5636570222231596674LL;
::java::lang::String * __attribute__((aligned(__alignof__( ::java::lang::Object)))) name;
public:
static ::java::lang::Class class$;
};

#endif // __java_security_Permission__
@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
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@c man end
@end ignore
@node Copying
@c man begin DESCRIPTION
@unnumbered GNU General Public License
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@enumerate 0
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@enumerate
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/* Permission.java -- The superclass for all permission objects

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obligated to do so. If you do not wish to do so, delete this
exception statement from your version. */
package java.security;

import gnu.java.lang.CPStringBuilder;

import java.io.Serializable;

/**
 * This class is the abstract superclass of all classes that implement
 * the concept of a permission. A permission consists of a permission name
 * and optionally a list of actions that relate to the permission. The
 * actual meaning of the name of the permission is defined only in the
 * context of a subclass. It may name a resource to which access permissions
 * are granted (for example, the name of a file) or it might represent
 * something else entirely. Similarly, the action list only has meaning
 * within the context of a subclass. Some permission names may have no
 * actions associated with them. That is, you either have the permission
 * or you don't.
 *<p>
 *<code>The most important method in this class is &lt;code&gt;implies&lt;/code&gt;. This
 *checks whether if one has this permission, then the specified
 *permission is also implied. As a conceptual example, consider the
 *permissions "Read All Files" and "Read File foo". The permission
 *"Read All Files" implies that the caller has permission to read the
 *file foo.
 *<p>
 *<code>Permission</code>’s must be immutable - do not change their
 *state after creation.
 *</p>
 *<p>
 *<code>@author Aaron M. Renn (arenn@urbanophile.com)
 *<p>
 *<code>@see Permissions
 *<p>
 *<code>@see PermissionCollection
 *<p>
 *<code>@since 1.1
 *<p>
 *<code>@status updated to 1.4
 */

public abstract class Permission implements Guard, Serializable {

/**
 * Compatible with JDK 1.1+.
 */

private static final long serialVersionUID = -563657022231596674L;

/**
 * This is the name assigned to this permission object.
 *
 *<code>@serial the name of the permission
 */

private String name;
/**
 * Create an instance with the specified name.
 *
 * @param name the permission name
 */
public Permission(String name)
{
    this.name = name;
}

/**
 * This method implements the <code>Guard</code> interface for this class.
 * It calls the <code>checkPermission</code> method in
 * <code>SecurityManager</code> with this <code>Permission</code> as its
 * argument. This method returns silently if the security check succeeds
 * or throws an exception if it fails.
 *
 * @param obj the <code>Object</code> being guarded - ignored by this class
 * @throws SecurityException if the security check fails
 * @see GuardedObject
 * @see SecurityManager#checkPermission(Permission)
 */
public void checkGuard(Object obj)
{
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
    {
        sm.checkPermission(this);
    }
}

/**
 * This method tests whether this <code>Permission</code> implies that the
 * specified <code>Permission</code> is also granted.
 *
 * @param perm the <code>Permission</code> to test against
 * @return true if perm is implied by this
 */
public abstract boolean implies(Permission perm);

/**
 * Check to see if this object equals obj. Use <code>implies</code>, rather
 * than <code>equals</code>, when making access control decisions.
 *
 * @param obj the object to compare to
 */
public abstract boolean equals(Object obj);

/**
 * This method returns a hash code for this <code>Permission</code>. It
* must satisfy the contract of `<code>Object.hashCode</code>`: it must be
* the same for all objects that equals considers to be the same.
*
* @return a hash value
*/
public abstract int hashCode();

/**
 * Get the name of this `<code>Permission</code>`.
 *
 * @return the name
 */
public final String getName()
{
    return name;
}

/**
 * This method returns the list of actions for this `<code>Permission</code>`
 * as a `<code>String</code>`. The string should be in canonical order, for
 * example, both `<code>new FilePermission(f, "write,read")</code>` and
 * `<code>new FilePermission(f, "read,write")</code>` have the action list
 * "read,write".
 *
 * @return the action list for this `<code>Permission</code>`
 */
public abstract String getActions();

/**
 * This method returns an empty `<code>PermissionCollection</code>` object
 * that can store permissions of this type, or `<code>null</code>` if no
 * such collection is defined. Subclasses must override this to provide
 * an appropriate collection when one is needed to accurately calculate
 * `<code>implies</code>`.  
 *
 * @return a new `<code>PermissionCollection</code>`
 */
public PermissionCollection newPermissionCollection()
{
    return null;
}

/**
 * This method returns a `<code>String</code>` representation of this
 * `<code>Permission</code>` object. This is in the format:
 * `<code>"(" + getClass().getName() + "," + getName() + "," + getActions
 * + ")")</code>`.
 */
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();

    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());

    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }

    string = string.append(')');
    return string.toString();
} // class Permission

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Version 2.1, February 1999

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#
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#
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# the Free Software Foundation; either version 3, or (at your option)
# any later version.
#
# This script adjusts the copyright notices at the top of source files
# so that they have the form:
#
# Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
# update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
# update-copyright.pl --this-year libjava
#
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__(self):
        self.num_errors = 0

    def report(self, filename, string):
        if filename:
            string = filename + ': ' + string
        sys.stderr.write(string + \n)
        self.num_errors += 1

    def ok(self):
        return self.num_errors == 0

class GenericFilter:
    def __init__(self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set(
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            'idl.texi',

        )

---

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def get_line_filter (self, dir, filename):
    if filename.startswith ('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile ('	')
    return None

def skip_file (self, dir, filename):
    if filename in self.skip_files:
        return True
    (base, extension) = os.path.splitext (os.path.join (dir, filename))
    if extension in self.skip_extensions:
        return True
    return False
return True

if extension == '.in':  # Skip .in files produced by automake.
    if os.path.exists (base + '.am'):
        return True

# Skip files produced by autogen
if (os.path.exists (base + '.def')
    and os.path.exists (base + '.tpl')):
    return True

# Skip configure files produced by autoconf
if filename == 'configure':
    if os.path.exists (base + '.ac'):
        return True
    if os.path.exists (base + '.in'):
        return True

return False

def skip_dir (self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True
    # Only touch current ChangeLogs.
    if filename != 'ChangeLog' and filename.find ('ChangeLog') >= 0:
        return True
    return False

def by_package_author (self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__ (self, errors):
        self.errors = errors

        # Characters in a range of years. Include '.' for typos.
        ranges = '[0-9]\([-0-9,\s]*[0-9]\]'

        # Non-whitespace characters in a copyright holder's name.
        name = '\[\w,-]'

        # Matches one year.
        self.year_re = re.compile ('[0-9]+')
# Matches part of a year or copyright holder.
self.continuation_re = re.compile (ranges + '\' + name)

# Matches a full copyright notice:
self.copyright_re = re.compile (  
    # 1: 'Copyright (C)', etc.
    '([Cc]\textcopyright)'  
    '([Cc]\textcopyright+\{([Cc]\})]'  
    '([Cc]\textcopyright+\%s'  
    '([Cc]\textcopyright+&copy;)'  
    '([Cc]\textcopyright+@copyright\{\}''  
    '\textcopyright = u\''  
    '\@set\{\+\textcopyright\{w-\}++\}'
# 2: the years. Include the whitespace in the year, so that  
# we can remove any excess.
    '\(\s*\(?\text{.+} + ranges + .\?\)\)\s*')
# 3: 'by ', if used
    '(by\s+)?'
# 4: the copyright holder. Don't allow multiple consecutive  
# spaces, so that right-margin gloss doesn't get caught  
# (e.g. gnat_ugn.texi).
    '(? + name + (?:\s? + name + ')]*?)')

# A regexp for notices that might have slipped by. Just matching  
# 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of  
# HTML header markers, so check for 'copyright' and two digits.
self.other_copyright_re = re.compile (  
    'copyright.*[0-9][0-9]',
    re.IGNORECASE)

self.comment_re = re.compile('#+|[*]+|;+|%+|//+|@c |dnl ',
self.holders = { '@copying': '@copying' }
self.holder_prefixes = set()

# True to 'quilt add' files before changing them.
seluse_quilt = False

# If set, force all notices to include this year.
sel.max_year = None

# Goes after the year(s). Could be ', ',
sel.separator = ',

    def add_package_author (self, holder, canon_form = None):
        if not canon_form:
            canon_form = holder
def add_external_author (self, holder):
    self.holders[holder] = None

class BadYear():
    def __init__ (self, year):
        self.year = year

    def __str__ (self):
        return 'unrecognised year: ' + self.year

def parse_year (self, string):
    year = int (string)
    if len (string) == 2:
        if year > 70:
            return year + 1900
        elif len (string) == 4:
            return year
    raise self.BadYear (string)

def year_range (self, years):
    year_list = [self.parse_year (year)
                 for year in self.year_re.findall (years)]
    assert len (year_list) > 0
    return (min (year_list), max (year_list))

def set_use_quilt (self, use_quilt):
    self.use_quilt = use_quilt

def include_year (self, year):
    assert not self.max_year
    self.max_year = year

def canonicalise_years (self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith('@value'):
        return years

    (min_year, max_year) = self.year_range (years)

    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file (dir, filename):
        max_year = max (max_year, self.max_year)
# Use a range.
if min_year == max_year:
    return '%d' % min_year
else:
    return '%d-%d' % (min_year, max_year)

def strip_continuation(self, line):
    line = line.lstrip()
    match = self.comment_re.match(line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete(self, match):
    holder = match.group(4)
    return (holder
        and (holder not in self.holder_prefixes
            or holder in self.holders))

def update_copyright(self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join(dir, filename)

    intro = match.group(1)
    if intro.startswith('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end(2):].strip()
        if after_years != ':
            self.errors.report(pathname,
                'trailing characters in @set: '
                + after_years)
            return (False, orig_line, next_line)
        else:
            # If it looks like the copyright is incomplete, add the next line.
            while not self.is_complete(match):
                try:
                    next_line = file.next()
                except StopIteration:
                    break

    # If the next line doesn’t look like a proper continuation,
    # assume that what we’ve got is complete.
    continuation = self.strip_continuation(next_line)
    if not self.continuation_re.match(continuation):
        break
# Merge the lines for matching purposes.
orig_line += next_line
line = line.rstrip() + ' ' + continuation
next_line = None

# Rematch with the longer line, at the original position.
m.match = self.copyright_re.match(line, match.start())
assert match

holder = match.group(4)

# Use the filter to test cases where markup is getting in the way.
if filter.by_package_author(dir, filename):
    assert holder not in self.holders

elif not holder:
    self.errors.report(pathname, 'missing copyright holder')
    return(False, orig_line, next_line)

elif holder not in self.holders:
    self.errors.report(pathname, 'unrecognised copyright holder: ' + holder)
    return(False, orig_line, next_line)

else:
    # See whether the copyright is associated with the package
    # author.
    canon_form = self.holders[holder]
    if not canon_form:
        return(False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start(4)]
            + canon_form
            + line[match.end(4):])

    # Remove any 'by'
    line = line[:match.start(3)] + line[match.end(3):]

    # Update the copyright years.
    years = match.group(2).strip()
    try:
        canon_form = self.canonicalise_years(dir, filename, filter, years)
    except self.BadYear as e:
        self.errors.report(pathname, str(e))
    return(False, orig_line, next_line)

    line = (line[:match.start(2)]
def process_file(self, dir, filename, filter):
    pathname = os.path.join(dir, filename)
    if filename.endswith('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove(pathname)
        except OSError:
            pass
        return
    lines = []
    changed = False
    line_filter = filter.get_line_filter(dir, filename)
    with open(pathname, 'r') as file:
        prev = None
        for line in file:
            while line:
                next_line = None
                # Leave filtered-out lines alone.
                if not (line_filter and line_filter.match(line)):
                    match = self.copyright_re.search(line)
                    if match:
                        res = self.update_copyright(dir, filename, filter,
                                                     file, line, match)
                        (this_changed, line, next_line) = res
                        changed = changed or this_changed
                # Check for copyright lines that might have slipped by.
                elif self.other_copyright_re.search(line):
                    self.errors.report(pathname,
                                       'unrecognised copyright: %s'
                                       % line.strip())
lines.append (line)
line = next_line
# If something changed, write the new file out.
if changed and self.errors.ok():
tmp_pathname = pathname + '.tmp'
with open (tmp_pathname, 'w') as file:
for line in lines:
file.write (line)
if self.use_quilt:
subprocess.call (['quilt', 'add', pathname])
os.rename (tmp_pathname, pathname)
def process_tree (self, tree, filter):
for (dir, subdirs, filenames) in os.walk (tree):
# Don't recurse through directories that should be skipped.
for i in xrange (len (subdirs) - 1, -1, -1):
if filter.skip_dir (dir, subdirs[i]):
del subdirs[i]
# Handle the files in this directory.
for filename in filenames:
if filter.skip_file (dir, filename):
sys.stdout.write ('Skipping %s\n'
% os.path.join (dir, filename))
else:
self.process_file (dir, filename, filter)
class CmdLine:
def __init__ (self, copyright = Copyright):
self.errors = Errors()
self.copyright = copyright (self.errors)
self.dirs = []
self.default_dirs = []
self.chosen_dirs = []
self.option_handlers = dict()
self.option_help = []
self.add_option ('--help', 'Print this help', self.o_help)
self.add_option ('--quilt', '"quilt add" files before changing them',
self.o_quilt)
self.add_option ('--this-year', 'Add the current year to every notice',
self.o_this_year)
def add_option (self, name, help, handler):
self.option_help.append ((name, help))
self.option_handlers[name] = handler

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def add_dir (self, dir, filter = GenericFilter()):
    self.dirs.append ((dir, filter))

def o_help (self, option = None):
    sys.stdout.write ('Usage: %s [options] dir1 dir2...

    ' % sys.argv[0])
    format = '%-15s %s
    for (what, help) in self.option_help:
        sys.stdout.write (format % (what, help))
    sys.stdout.write ('\nDirectories:\n')
    format = '%-25s'
    i = 0
    for (dir, filter) in self.dirs:
        i += 1
        if i % 3 == 0 or i == len (self.dirs):
            sys.stdout.write (dir + '\n')
        else:
            sys.stdout.write (format % dir)
    sys.exit (0)

def o_quilt (self, option):
    self.copyright.set_use_quilt (True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
        if arg[:1] != '-':
            self.chosen_dirs.append (arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg] (arg)
        else:
            self.errors.report (None, 'unrecognised option: ' + arg)
    if self.errors.ok():
        if len (self.chosen_dirs) == 0:
            self.chosen_dirs = self.default_dirs
        if len (self.chosen_dirs) == 0:
            self.o_help()
        else:
            for chosen_dir in self.chosen_dirs:
                canon_dir = os.path.join (chosen_dir, '')
                count = 0
                for (dir, filter) in self.dirs:
                    if (dir + os.sep).startswith (canon_dir):
                        count += 1
                self.copyright.process_tree (dir, filter)
if count == 0:
    self.errors.report (None, 'unrecognised directory: ' + chosen_dir)
    sys.exit (0 if self.errors.ok() else 1)

#-----------------------------------------------

class TopLevelFilter (GenericFilter):
    def skip_dir (self, dir, subdir):
        return True

class ConfigFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

    def skip_file (self, dir, filename):
        if filename.endswith ('.m4'):
            pathname = os.path.join (dir, filename)
            with open (pathname) as file:
                # Skip files imported from gettext.
                if file.readline().find ('gettext-') >= 0:
                    return True
            return GenericFilter.skip_file (self, dir, filename)

class GCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_files |= set (['math-68881.h',])

        self.skip_dirs |= set (['ada',
                                'testsuite',])

        self.skip_extensions |= set (['.po',
                                    '.pot'])
self.fossilised_files |= set([
    # Old news won't be updated.
    'ONEWS',
])

class TestsuiteFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set([
            # Don't change the tests, which could be owned by anyone.
            '.c',
            '.C',
            '.cc',
            '.h',
            '.hs',
            '.f',
            '.f90',
            '.go',
            '.inc',
            '.java',
        ])

    def skip_file (self, dir, filename):
        # g++.niklas/README contains historical copyright information
        # and isn't updated.
        if filename == 'README' and os.path.basename (dir) == 'g++.niklas':
            return True
        return GenericFilter.skip_file (self, dir, filename)

class LibCppFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set([
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

class LibGCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set([}
class LibJavaFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set(['
            # Handled separately.
            'testsuite',

            # Not really part of the library
            'contrib',

            # Imported from upstream
            'classpath',
            'libltdl',
        ])

    def get_line_filter(self, dir, filename):
        if filename == 'NameDecoder.h':
            return re.compile('.*NAME_COPYRIGHT')
        if filename == 'ICC_Profile.h':
            return re.compile('.*icSigCopyrightTag')
        return GenericFilter.get_line_filter(self, dir, filename)

class LibMudflapFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set(['
            # Handled separately.
            'testsuite',
        ])

class LibStdCxxFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_files |= set(['
            # Contains no copyright of its own, but quotes the GPL. 
            'intro.xml',
        ])

        self.skip_dirs |= set(['
            # Contains automatically-generated sources. 
            'html',
        ])

    # Imported from GLIBC.
    'soft-fp',
)}
# The testsuite data files shouldn't be changed.
'data',

# Contains imported images
'images',
}

self.own_files |= set ([
    # Contains markup around the copyright owner.
    'spine.xml',
])

def get_line_filter (self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile ('// \(C\) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter (self, dir, filename)

class GCCCopyright (Copyright):
    def __init__ (self, errors):
        Copyright.__init__ (self, errors)
        canon_fsf = 'Free Software Foundation, Inc.'
        self.add_package_author ('Free Software Foundation', canon_fsf)
        self.add_package_author ('Free Software Foundation.', canon_fsf)
        self.add_package_author ('Free Software Foundation Inc.', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc', canon_fsf)
        self.add_package_author ('The Free Software Foundation', canon_fsf)
        self.add_package_author ('The Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('Software Foundation, Inc.', canon_fsf)

        self.add_external_author ('ARM')
        self.add_external_author ('AdaCore')
        self.add_external_author ('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
        self.add_external_author ('Cavium Networks.')
        self.add_external_author ('Faraday Technology Corp.')
        self.add_external_author ('Florida State University')
        self.add_external_author ('Greg Colvin and Beman Dawes.')
        self.add_external_author ('Hewlett-Packard Company')
        self.add_external_author ('Information Technology Industry Council.')
        self.add_external_author ('James Theiler, Brian Gough')
        self.add_external_author ('Makoto Matsumoto and Takuji Nishimura,')
        self.add_external_author ('National Research Council of Canada.')
        self.add_external_author ('Peter Dimov and Multi Media Ltd.')
        self.add_external_author ('Peter Dimov')
        self.add_external_author ('Pipeline Associates, Inc.')
        self.add_external_author ('Regents of the University of California.')
self.add_external_author('Silicon Graphics Computer Systems, Inc.')
self.add_external_author('Silicon Graphics')
self.add_external_author('Stephen L. Moshier')
self.add_external_author('Sun Microsystems, Inc. All rights reserved.')
self.add_external_author('The Go Authors. All rights reserved.')
self.add_external_author('The Go Authors.')
self.add_external_author('The Regents of the University of California.')
self.add_external_author('Unicode, Inc.')
self.add_external_author('University of Toronto.')

class GCCCmdLine (CmdLine):
    def __init__(self):
        CmdLine.__init__(self, GCCCopyright)

        self.add_dir('.', TopLevelFilter())
        # boehm-gc is imported from upstream.
        self.add_dir('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir('fixincludes')
        self.add_dir('gcc', GCCFilter())
        self.add_dir(os.path.join('gcc', 'testsuite'), TestsuiteFilter())
        self.add_dir('gnattools')
        self.add_dir('include')
        self.add_dir('libada')
        self.add_dir('libatomic')
        self.add_dir('libbacktrace')
        self.add_dir('libcpp', LibCppFilter())
        self.add_dir('libdecnumber')
        # libffi is imported from upstream.
        self.add_dir('libgcc', LibGCCFilter())
        self.add_dir('libgfortran')
        self.add_dir('libgomp')
        self.add_dir('libiberty')
        self.add_dir('libitm')
        self.add_dir('libjava', LibJavaFilter())
        self.add_dir(os.path.join('libjava', 'testsuite'), TestsuiteFilter())
        self.add_dir('libmudflap', LibMudflapFilter())
        self.add_dir(os.path.join('libmudflap', 'testsuite'), TestsuiteFilter())
        self.add_dir('libobjc')
        self.add_dir('libquadmath')
        # libsanitiser is imported from upstream.
        self.add_dir('libssp')
        self.add_dir(os.path.join('libstdc++-v3', 'testsuite'), TestsuiteFilter())
        self.add_dir('lto-plugin')
        # zlib is imported from upstream.
self.default_dirs = ['gcc',
'libada',
'libatomic',
'libbacktrace',
'libcpp',
'libdecnumber',
'libgcc',
'libgfortran',
'libgomp',
'libitm',
'libmudflap',
'libobjc',
'libstdc++-v3',
]

GCCCmdLine().main()

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Version 2.1, February 1999

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David Megginson, sax@megginson.com
1998-05-11

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* m4/ax_func_which_gethostbyname_r.m4

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@c ispell-local-pdict: "ispell-dict"
@c End:
@c man end

1java/security/acl/Permissionjava/lang/Objectequals(Ljava/lang/Object;)ZtoString(Ljava/lang/String;)
SourceFilePermission.java
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/* Use the Sequent Symmetry assembler syntax.  */

/* Define the syntax of pseudo-ops, labels and comments.  */

/* Prefix for internally generated assembler labels.  If we aren't using
 underscores, we are using prefix `.s' to identify labels that should
 be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size.  */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t"  /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS */
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line that says to advance the location counter by SIZE bytes. */
#define ASM_OUTPUT_SKIP(FILE,SIZE)  
fprintf (FILE, "\t.space HOST_WIDE_INT_PRINT_UNSIGNED\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line to define a global common symbol. */
#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  
( fputs (".comm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line to define a local common symbol. */
#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  
( fputs (".lcomm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  
( fputs (".lcomm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line that says to advance the location counter to a multiple of 2**LOG bytes. */
#define ASM_OUTPUT_ALIGN(FILE,LOG)  
if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))
/* This is how to store into the string BUF
the symbol_ref name of an internal numbered label where
PREFIX is the class of label and NUM is the number within the class.
This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER)\  
    sprintf ((BUF), "*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */
#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

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1| java/security/Permission|java/lang/Object|java/security/Guard|io/Serializable|serialVersionUID|J
ConstantValue?|WQ~name|java/lang/String;<init>(Ljava/lang/String;)|VCode
()VLineNumberTable|LocalVariableTable|this|java/security/Permission;
checkGuard(Ljava/lang/Object;)V
! java/lang/System"#getSecurityManager()Ljava/lang/SecurityManager;
%!&java/lang/SecurityManager()checkPermission(Ljava/security/Permission;)VobjLjava/lang/Object;smLjava/lang/SecurityManager;implies(Ljava/security/Permission;)zequals(Ljava/lang/Object;zHashCode()IgetName()Ljava/lang/String);
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:>:?@append"(C)Lgnu/java/lang/CPStringBuilder;
BCDgetClass()Ljava/lang/Class;
FHGjava/lang/Class45
:J?K3(Ljava/lang/String;)Lgnu/java/lang/CPStringBuilder;
H
N65P
RTSjava/lang/String01
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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

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@ntiame.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 Dossor 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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/**
 * This interface provides information about a permission that can be granted. Note that this is <em>not</em> the same as the class <code>java.security.Permission</code>.
 *
 * @version 0.0
 *
 * @author Aaron M. Renn (arenn@urbanophile.com)
 */
public interface Permission
{

/**
 * This method tests whether or not a specified <code>Permission</code> (passed as an <code>Object</code>) is the same as this permission.
 *
 * @param perm The permission to check for equality
 *
 * @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
 */
boolean equals (Object perm);

/**
 * This method returns this <code>Permission</code> as a <code>String</code>.
 *
 * @return A <code>String</code> representing this permission.
 */
String toString();
}

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the work, and the source code for shared libraries and dynamically
linked subprograms that the work is specifically designed to require,
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// DO NOT EDIT THIS FILE - it is machine generated -*.c++-*

 ifndef __gnu_javax_sound_AudioSecurityManager$Permission__
define __gnu_javax_sound_AudioSecurityManager$Permission__

 #pragma interface

 #include <java/lang/Enum.h>
#include <gcj/array.h>

extern "Java"
{
namespace gnu
{
namespace javax
{
namespace sound
{
class AudioSecurityManager$Permission;
}
}
}
}

class gnu::javax::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
{

AudioSecurityManager$Permission(::java::lang::String *, jint);
public:
static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * values();
static ::gnu::javax::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
static ::gnu::javax::sound::AudioSecurityManager$Permission * PLAY;
static ::gnu::javax::sound::AudioSecurityManager$Permission * RECORD;
static ::gnu::javax::sound::AudioSecurityManager$Permission * ALL;
private:
static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * ENUM$VALUES;
public:
static ::java::lang::Class class$;
};

#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

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1.100 c-ares 1.10.0-3ubuntu0.2

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* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares_parse_srv_reply.c

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* *
*/

/* getopt.c --

* Standard UNIX getopt function. Code is from BSD.
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#ifndef __CARES_BUILD_H
#define __CARES_BUILD_H

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*/

/# ===================================================================
/# NOTES FOR CONFIGURE CAPABLE SYSTEMS                             */
/# =================================================================== */

/#
/# NOTE 1:
/# -------
/#
/# Nothing in this file is intended to be modified or adjusted by the
/# c-ares library user nor by the c-ares library builder.
/#
/# If you think that something actually needs to be changed, adjusted
/# or fixed in this file, then, report it on the c-ares development
/# mailing list: http://cool.haxx.se/mailman/listinfo/c-ares/
/#
/# This header file shall only export symbols which are 'cares' or 'CARES'
/# prefixed, otherwise public name space would be polluted.
/#
* NOTE 2:
*        
* Right now you might be staring at file ares_build.h.in or ares_build.h,
* this is due to the following reason:
* 
* On systems capable of running the configure script, the configure process
* will overwrite the distributed ares_build.h file with one that is suitable
* and specific to the library being configured and built, which is generated
* from the ares_build.h.in template file.
* 
* */

/* ================================================================ */
/* DEFINITION OF THESE SYMBOLS SHALL NOT TAKE PLACE ANYWHERE ELSE */
/* ================================================================ */

#ifndef CARES_SIZEOF_LONG
#  error "CARES_SIZEOF_LONG shall not be defined except in ares_build.h"
    Error Compilation_aborted_CARES_SIZEOF_LONG_already_defined
#endif

#ifndef CARES_TYPEOF_ARES_SOCKLEN_T
#  error "CARES_TYPEOF_ARES_SOCKLEN_T shall not be defined except in ares_build.h"
    Error Compilation_aborted_CARES_TYPEOF_ARES_SOCKLEN_T_already_defined
#endif

#ifndef CARES_SIZEOF_ARES_SOCKLEN_T
#  error "CARES_SIZEOF_ARES_SOCKLEN_T shall not be defined except in ares_build.h"
    Error Compilation_aborted_CARES_SIZEOF_ARES_SOCKLEN_T_already_defined
#endif

/* ================================================================ */
/* EXTERNAL INTERFACE SETTINGS FOR CONFIGURE CAPABLE SYSTEMS ONLY */
/* ============================================================== */

/* Configure process defines this to 1 when it finds out that system */
/* header file ws2tcpip.h must be included by the external interface. */
#ifndef CARES_PULL_WS2TCPIP_H
#ifdef CARES_PULL_WS2TCPIP_H
#  ifndef WIN32_LEAN_AND_MEAN
#    define WIN32_LEAN_AND_MEAN
#  endif
#  include <windows.h>
#  include <winsock2.h>
#  include <ws2tcpip.h>
#endif
# include <windows.h>
# include <winsock2.h>
# include <ws2tcpip.h>
#endif
/* Configure process defines this to 1 when it finds out that system */
/* header file sys/types.h must be included by the external interface. */
#undef CARES_PULL_SYS_TYPES_H
#ifdef CARES_PULL_SYS_TYPES_H
# include <sys/types.h>
#endif
/* Configure process defines this to 1 when it finds out that system */
/* header file sys/socket.h must be included by the external interface. */
#undef CARES_PULL_SYS_SOCKET_H
#ifdef CARES_PULL_SYS_SOCKET_H
# include <sys/socket.h>
#endif
/* The size of `long`, as computed by sizeof. */
#undef CARES_SIZEOF_LONG
/* Integral data type used for ares_socklen_t. */
#undef CARES_TYPEOF_ARES_SOCKLEN_T
/* The size of `ares_socklen_t`, as computed by sizeof. */
#undef CARES_SIZEOF_ARES_SOCKLEN_T
/* Data type definition of ares_socklen_t. */
typedef CARES_TYPEOF_ARES_SOCKLEN_T ares_socklen_t;
#endif /* __CARES_BUILD_H */

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/*
 *
 * IP-address/hostname to country converter.
 *
 * Problem; you want to know where IP a.b.c.d is located.
 *
 * Use ares_gethostbyname ("d.c.b.a.zz.countries.nerd.dk")
 * and get the CNAME (host->h_name). Result will be:
 * CNAME = zz<CC>.countries.nerd.dk with address 127.0.x.y (ver 1) or
 * CNAME = <a.b.c.d>.zz.countries.nerd.dk with address 127.0.x.y (ver 2)
 *
 * The 2 letter country code is in <CC> and the ISO-3166 country
 * number is in x.y (number = x*256 + y). Version 2 of the protocol is missing
 * the <CC> number.
 *
 * Ref: http://countries.nerd.dk/more.html
Written by G. Vanem <gvanem@broadpark.no> 2006, 2007

NB! This program may not be big-endian aware.

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* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares_expand_name.c
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* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares_timeout.c
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares_query.c
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares_strdup.c
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares_getenv.c
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* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares_strdup.h
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* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares__read_line.c
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares_strcasecmp.c
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares_free_hostent.c
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Found in path(s):
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/Makefile.msvc
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* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares_set_servers.3
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c-ares
======

This is c-ares, an asynchronous resolver library. It is intended for applications which need to perform DNS queries without blocking, or need to perform multiple DNS queries in parallel. The primary examples of such applications are servers which communicate with multiple clients and programs with graphical user interfaces.

The full source code is available in the ‘c-ares’ release archives, and in a git repository: http://github.com/bagder/c-ares

If you find bugs, correct flaws, have questions or have comments in general in
regard to c-ares (or by all means the original ares too), get in touch with us on the c-ares mailing list: http://cool.haxx.se/mailman/listinfo/c-ares

c-ares is of course distributed under the same MIT-style license as the original ares.

You'll find all c-ares details and news here:

http://c-ares.haxx.se/

NOTES FOR C-ARES HACKERS

* The distributed ares_build.h file is only intended to be used on systems which can not run the also distributed configure script.

* The distributed ares_build.h file is generated as a copy of ares_build.h.dist when the c-ares source code distribution archive file is originally created.

* If you check out from git on a non-configure platform, you must run the appropriate buildconf* script to set up ares_build.h and other local files before being able of compiling the library.

* On systems capable of running the configure script, the configure process will overwrite the distributed ares_build.h file with one that is suitable and specific to the library being configured and built, this new file is generated from the ares_build.h.in template file.

* If you intend to distribute an already compiled c-ares library you _MUST_ also distribute along with it the generated ares_build.h which has been used to compile it. Otherwise the library will be of no use for the users of the library that you have built. It is _your_ responsibility to provide this file. No one at the c-ares project can know how you have built the library.

* File ares_build.h includes platform and configuration dependent info, and must not be modified by anyone. Configure script generates it for you.

* We cannot assume anything else but very basic compiler features being present. While c-ares requires an ANSI C compiler to build, some of the earlier ANSI compilers clearly can't deal with some preprocessor operators.

* Newlines must remain unix-style for older compilers' sake.

* Comments must be written in the old-style /* unnested C-fashion */

Found in path(s):
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/README
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* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/m4/xc-val-flgs.m4
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/m4/zz60-xc-ovr.m4
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/m4/zz50-xc-ovr.m4
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/m4/xc-cc-check.m4
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/m4/xc-translit.m4

Found in path(s):
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/ares_process.c

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Found in path(s):
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   */
Changelog for the c-ares project. Generated with git2changes.pl

Version 1.10.0 (12 May 2013)

Daniel Stenberg (12 May 2013)
- RELEASE-NOTES: two more bug fixes

- [Keith Shaw brought this change]

ares_set_servers_csv: fixed IPv6 address parsing

Fixed bug that caused the last part of an IPv6 address to be parsed as the port number when the last part is all numeric.

- nroff: fix two syntax mistakes

ares_parse_a_reply and ares_parse_aaaa_reply both had two \fB instead of \fP

Reported-by: Alexander Klauer

- [Alex Loukissas brought this change]

build: fix build on msvc11

- Makefile.am: increment -version-info for 1.10.0 release

- README: remove unnecessary comment

- ares_version.h: copyright end range year is now 2013

- RELEASE-NOTES: synced with fb0737f3a0a1c37

- [Paul Saab brought this change]

ares_parse_aaaa_reply: Plug memory leak

This change is similar to ares_parse_a_reply.c in commit bffd67f16a8f42fe6dbf79ab2c39d92ea05c8a6

- [Patrick Valsecchi brought this change]
ares_parse_txt_reply: return a ares_txt_reply node for each sub-string

Previously, the function would wrongly return all substrings merged into one.

- [Alexander Klauer brought this change]

library init: documentation update

This commit updates the documentation of ares_library_init() and ares_library_cleanup() with regard to the newly introduced reference counting of initializations and deinitializations.

- [Alexander Klauer brought this change]

library init: be recursive

Previously, a single call to ares_library_cleanup() would deinitialize the c-ares library, regardless of how many times ares_library_init() was called. This behaviour may cause problems in programs linking two or more libraries which, in turn, use c-ares. The present commit fixes this problem, deinitializing the library only after a number of calls to ares_library_cleanup() matching the number of calls to ares_library_init().

- [Patrick Valsecchi brought this change]

protocol parsing: check input data stricter

... so that bad length fields aren't blindly accepted


Guenter Knauf (11 Apr 2013)
- Create ares_build.h when buidling from Git.

- Added -DCARES_STATICLIB to CFLAGS.

Currently this static makefile does only support building the static library libcares.a.

Daniel Stenberg (8 Apr 2013)
- [Alexander Klauer brought this change]

.gitignore: ignore patch files

This commit adds a line to .gitignore to the effect that patch files generated by 'git format-patch' are excluded from the repository.
- [Alexander Klauer brought this change]

ares_destroy() documentation: no new requests

Clarify that no new requests may be added to a resolver channel that is currently being destroyed.

- [Alexander Klauer brought this change]

Documentation: properly document ARES_ECANCELLED

This commit clarifies the behaviour of ares_cancel() with respect to callbacks and adds missing documentation of ARES_ECANCELLED to the man pages of the affected functions.

- [Alexander Klauer brought this change]

ares_cancel(): cancel requests safely

An invocation of ares_cancel() walks through the request list, calling the callbacks of all pending requests on a channel. Previously, if such a callback added a new request to the channel, the request list might not end up empty, causing an abort by assertion failure. The present commit ensures that precisely all requests present upon entry of ares_cancel() are cancelled, and that adding new requests through callbacks is safe.

Yang Tse (10 Mar 2013)
- ares.h: stricter CARES_EXTERN linkage decorations logic

No API change involved.

- ares_build.h.dist: enhance non-configure GCC ABI detection logic

GCC specific adjustments:

- check __ILP32__ before 32 and 64bit processor architectures in order to detect ILP32 programming model on 64 bit processors which, of course, also support LP64 programming model, when using gcc 4.7 or newer.

- keep 32bit processor architecture checks in order to support gcc versions older than 4.7 which don't define __ILP32__

- check __LP64__ for gcc 3.3 and newer, while keeping 64bit processor architecture checks for older versions which don't define __LP64__
Daniel Stenberg (9 Mar 2013)
  - ares.h: there is no ares_free_soa function

Yang Tse (9 Mar 2013)
  - Makefile.am: empty AM_LDFLAGS definition for automake 1.7 compatibility
  - ares_inet_ntop.3: s/socklen_t/ares_socklen_t

  - configure: use XC_LIBTOOL for portability across libtool versions
  - xc-lt-iface.m4: provide XC_LIBTOOL macro
  - Makefile.am: use AM_CPPFLAGS instead of INCLUDES
  - inet_ntop.c: s/socklen_t/ares_socklen_t
  - inet_ntop.c: s/socklen_t/ares_socklen_t for portability

Daniel Stenberg (19 Feb 2013)
  - ares.h: s/socklen_t/ares_socklen_t for portability

  - ares_inet_ntop.3: 4th argument is socklen_t!
  - spell inet correctly!

  - ares_inet_pton/ntop: cleanup

Make sure that the symbols are always exported and present in c-ares.

Make the headers prefixed with 'ares'.

Removed the inet_ntop.h version as it no longer features any content.

  - ares_inet_ntop/ares_inet_pton: added man pages

Yang Tse (15 Feb 2013)
  - [Gisle Vanem brought this change]

    curl_setup_once.h: definition of HAVE_CLOSE_S defines sclose() to close_s()

  - [Gisle Vanem brought this change]

    config-dos.h: define HAVE_CLOSE_S for MSDOS/Watt-32

  - [Gisle Vanem brought this change]

    config-dos.h: define strerror() to strerror_s() for High-C
Daniel Stenberg (13 Feb 2013)
- ares_get_datatype: removed unused function

it was also wrongly named as internal functions require two underscores

- ares__bitncmp: use two underscores for private functions

It used a single one previously making it look like a public one

- ares__generate_new_id: moved to ares_query.c

... and ares__rc4 is turned into a local static function.

- ares__swap_lists: make private and static

... since there's only one user, make it static within ares_process.c

Yang Tse (13 Feb 2013)
- Makefile.msvc: add four VS version strings

Daniel Stenberg (13 Feb 2013)
- ares_expand_name.3: clarify how to free the data

Yang Tse (30 Jan 2013)
- zz40-xc-ovr.m4: fix 'wc' detection - follow-up 2

- Fix a pair of single quotes to double quotes.

URL: http://curl.haxx.se/mail/lib-2013-01/0355.html
Reported by: Tor Arntsen

- zz40-xc-ovr.m4: fix 'wc' detection - follow-up

- Take into account that 'wc' may return leading spaces and/or tabs.

- Set initial IFS to space, tab and newline.

- zz40-xc-ovr.m4: fix 'wc' detection

- Take into account that 'wc' may return leading spaces.

- Set internationalization behavior variables.

Tor Arntsen analyzed and reported the issue.

URL: http://curl.haxx.se/mail/lib-2013-01/0351.html

- zz40-xc-ovr.m4: check another three basic utilities
- zz40-xc-ovr.m4: 1.0 interface stabilization

- Stabilization results in 4 public interface m4 macros:
  XC_CONFIGURE_PREAMBLE
  XC_CONFIGURE_PREAMBLE_VER_MAJOR
  XC_CONFIGURE_PREAMBLE_VER_MINOR
  XC_CHECK_PATH_SEPARATOR
- Avoid one level of internal indirection
- Update comments
- Drop XC_OVR_ZZ40 macro

- zz40-xc-ovr.m4: emit witness message in configure BODY

This avoids witness message in output when running configure --help, while sending the message to config.log for other configure runs.

- zz40-xc-ovr.m4: truly do version conditional overriding

  - version conditional overriding
  - catch unexpanded XC macros
  - fix double words in comments

- zz40-xc-ovr.m4: fix variable assignment of subshell output bashism

  Tor Arntsen analyzed and reported the issue.

  URL: http://curl.haxx.se/mail/lib-2013-01/0306.html

- zz40-xc-ovr.m4: reinstate strict AC_REQUIRE macro dependencies

- zz40-xc-ovr.m4: avoid double single-quote usage

- zz40-xc-ovr.m4: parentheses balancing of 'case' statements

  m4 quadrigraph shell comment technique allows proper autoconf parentheses balancing in shell 'case' statements. The presence of unbalanced parentheses may otherwise trigger expansion bugs.

- zz40-xc-ovr.m4: internals overhauling

  - Update comments
  - Execute commands in subshells
  - Faster path separator check
  - Fix missing 'test' command
  - Rename private macros
  - Minimize AC_REQUIRE usage
- `zz40-xc-ovr.m4`: redirect errors and warnings to stderr

- configure: use `XC_CONFIGURE_PREAMBLE` early checks

Some basic checks we make were placed early enough in generated configure script when using autoconf 2.5X versions. Newer autoconf versions expand these checks much further into the configure script, rendering them useless. Using `XC_CONFIGURE_PREAMBLE` fixes placement of early intended checks across all our autoconf supported versions.

- `zz40-xc-ovr.m4`: provide `XC_CONFIGURE_PREAMBLE` macro

- configure: autotools compatibility fixes - step I

Fix proper macro expansion order across autotools versions for C compiler and preprocessor program checks.

- configure: fix automake 1.13 compatibility

Tested with:

  buildconf: autoconf version 2.69
  buildconf: autom4te version 2.69
  buildconf: autoheader version 2.69
  buildconf: automake version 1.13.1
  buildconf: alocal version 1.13.1
  buildconf: libtool version 2.4
  buildconf: GNU m4 version 1.4.16

- `ares_private.h`: use again `memdebug.h` instead of `curl_memdebug.h`

- configure.ac: replace `AM_CONFIG_HEADER` with `AC_CONFIG_HEADERS`

automake 1.13 errors if `AM_CONFIG_HEADER` is used in configure script.

- `cares-override.m4`: provide `AC_CONFIG_MACRO_DIR` definition conditionally

Provide a 'traceable' `AC_CONFIG_MACRO_DIR` definition only when using an autoconf version that does not provide it, instead of what we were doing up to now of providing and overriding `AC_CONFIG_MACRO_DIR` for all autoconf versions.

- `ares_private.h`: use `curl_memdebug.h` instead of `memdebug.h`

- `vc6cares.dsp`: add `ares_create_query.c` and `ares_parse_soa_reply.c`

- `cares-functions.m4`: improve `gethostname arg 2 data type check`
- setup_once.h: HP-UX specific 'bool', 'false' and 'true' definitions.

Also reverts commit bceb40095a

- configure: check if compiler halts on function prototype mismatch

- cares-functions.m4: add gethostname arg 2 data type check and definition

- cares-functions.m4: update thread-safeness detection of getaddrinfo()

Take in account that POSIX standard Issue 7 drops h_errno support. Now, we also consider getaddrinfo() to be thread-safe when (_POSIX_C_SOURCE >= 200809L) or (_XOPEN_SOURCE >= 700) independently of whether h_errno exists or not.

Take in account that h_errno might be a modifiable lvalue not defined as a C preprocessor macro.

- setup_once.h: HP-UX <sys/socket.h> issue workaround

Issue: When building a 32bit target with large file support HP-UX <sys/socket.h> header file may simultaneously provide two different sets of declarations for sendfile and sendpath functions, one with static and another with external linkage. Given that we do not use mentioned functions we really don't care which linkage is the appropriate one, but on the other hand, the double declaration emmits warnings when using the HP-UX compiler and errors when using modern gcc versions resulting in fatal compilation errors.

Mentioned issue is now fixed as long as we don't use sendfile nor sendpath functions.

- setup_once.h: refactor inclusion of <unistd.h> and <sys/socket.h>

Inclusion of these two header files now done in setup_once.h

- Header inclusion clean-up

Remove header inclusions already done in setup_once.h

- setup_once.h: HP-UX specific TRUE and FALSE definitions

Some HP-UX system headers require TRUE defined to 1 and FALSE to 0.

- ares_timeout.c: fix compiler warning

- ares_create_query.c: IRIX compilation fix

- c-ares/nameser.h: add some T_* defines for ns_t_* values
Daniel Stenberg (7 Nov 2012)
- Revert "ares_parse_aaaa_reply: fix memory leak"

This reverts commit 50f25d8a4b2d16f4c5e0ef620238688b7a315c7a.

- ares_parse_aaaa_reply: fix memory leak

an allocated buffer was not freed in the successful case.

- [Gisle Vanem brought this change]

adig: perror() doesn't work for socket errors on windows

... so print the SOCKERRNO instead

- get_DNS_AdaptersAddresses: fix IPv6 parsing

Use of the wrong define made the function not parse IPv6 addresses properly.

Bug: http://c-ares.haxx.se/mail/c-ares-archive-2012-06/0028.shtml
Reported by: Sal Ibarra Corretg

- version: bumped to 1.10.0

Due to the newly added function: ares_create_query()

- AUTHORS: synced with 83093ac450

Added 21 authors since this document was last updated

- ares_create_query.3: mention when this is added

- [hpopescu@ixiacom.com brought this change]

Added new feature (rfc2671)

- code police: fix indents, < 80 columns, reflowed comments

Guenter Knauf (11 Jul 2012)
- Cleaned up version awk script.

Daniel Stenberg (30 Jun 2012)
- [Gisle Vanem brought this change]

read_udp_packets: bail out loop on bad sockets
I can see that recvfrom() in ares_process.c many times is called with 'udp_socket' == ARES_SOCKET_BAD. The code takes care not to call recv/recvfrom with ARES_SOCKET_BAD in the outer-loop. So should the inner-loop.

Yang Tse (29 Jun 2012)
- cares-compilers.m4: remove -Wstrict-aliasing=3 from clang

Currently it is unknown if there is any version of clang that actually supports -Wstrict-aliasing. What is known is that there are several that don't support it.

- cares-compilers.m4: -Wstrict-aliasing=3 for warning enabled gcc and clang builds

Daniel Stenberg (18 Jun 2012)
- version: work towards 1.9.2 (at least)

Version 1.9.1 (18 Jun 2012)

Daniel Stenberg (18 Jun 2012)
- RELEASE-NOTES: 1.9.1 coming up

Version 1.9.0 (16 Jun 2012)

Daniel Stenberg (16 Jun 2012)
- ares_version.h: next version is 1.9.0

- [Marko Kreen brought this change]

ares_data.h: ARES_DATATYPE_SOA_REPLY is added in 1.9.0

- RELEASE-NOTES: synced with 979bf951d

Next release deemed to become 1.9.0 due to the new function

- [Marko Kreen brought this change]

SOA parser added

I need to do SOA queries, so here is a parser for them.

- ares_soa_reply: new struct
- ares_malloc_data/ares_free_soa: ARES_DATATYPE_SOA_REPLY
- ares_parse_soa_reply: actual function

Yang Tse (14 Jun 2012)
- Kill compiler warning
- Fix libcares.pc generation for static MingW* cross builds

Daniel Stenberg (21 May 2012)
- [Nick Alcock brought this change]

Fix UDP and TCP port byte order in saved options.

The UDP and TCP port are stored in network byte order in the
ares_channeldata, but are passed in to ares_init_options() in host byte
order. Thus we must return them from ares_save_options() in host byte
order too, or a duplicated channel will convert them again, leading to a
nonfunctional channel and a mysterious connection refused error from
ares_gethostbyname(). This breaks ares_dup(), thus the curl easy API
when c-ares is used by curl, and thus all the curl easy API's users.

Yang Tse (28 Apr 2012)
- version: start working on 1.8.1-DEV

Version 1.8.0 (27 Apr 2012)

Daniel Stenberg (27 Apr 2012)
- RELEASE-NOTES: call next 1.8 instead

Since we added a function, let's use a stricter bumping scheme

Yang Tse (25 Apr 2012)
- INSTALL: some adjustments

Daniel Stenberg (25 Apr 2012)
- GIT-INFO: mention buildconf

Yang Tse (25 Apr 2012)
- INSTALL: remove more sections that don't apply to c-ares

- ares_timeout.c: fix compiler warning

Daniel Stenberg (25 Apr 2012)
- [Ben Noordhuis brought this change]

Makefile.m32: fix mingw32 build

* add . to include path so ares_build.h is picked up
* make ar configurable to ease cross-compiling

- RELEASE-NOTES: added what's happened since 1.7.5

Guenter Knauf (22 Apr 2012)
- Updated copyright year.
Yang Tse (21 Apr 2012)
- ares_init.c: Further refactoring of Windows system's DNS fetching code

Guenter Knauf (20 Apr 2012)
- Android: small changes to dns property part.

Prefix prop vars; kill var; use DNS_PROP_NAME_PREFIX macro.

- Handle CNAME-only in ares_parse_aaaa_reply().

posted to the c-ares list by Peter Griess <pg@std.in>.

- Add support for multiple DNS servers on Android.

Before, c-ares always used the first DNS server on Android, causing network problems if this DNS server was not available.

Signed-off-by: Geert Uytterhoeven <Geert.Uytterhoeven@sonycom.com>

- Added INSTALL so it gets into tarballs.

- Added some more ifdefs to silent compiler warnings.

Yang Tse (17 Apr 2012)
- INSTALL: remove a non c-ares section

- cares-compilers.m4: -Wno-pedantic-ms-format for Windows gcc 4.5 builds

When building a Windows target with gcc 4.5 or newer and strict compiler warnings enabled use -Wno-pedantic-ms-format in addition to other flags.

- setup_once.h: tighten requirements for stdbool.h header inclusion

Include stdbool.h only when it is available and configure is capable of detecting a proper 'bool' data type when the header is included.

- configure: NATIVE_WINDOWS no longer defined in config file

- cares-compilers.m4: double underscore decoration for visibility attribute

- build adjustments: CARES_SYMBOL_HIDING no longer defined in config files

configure script now provides conditional definitions for Makefile.am that result in CARES_SYMBOL_HIDING being defined by resulting makefiles when appropriate.

- configure: Windows cross-compilation fixes
CARES_BUILDING_LIBRARY and CARES_STATICLIB no longer defined in ares_config.h, configure will generate appropriate conditionals so that mentioned symbols get defined and used in Makefile derived from Makefile.am at compilation time.

Guenter Knauf (17 Apr 2012)
- Added INSTALL file adapted from libcurl.

Not yet ready, and needs further edits.

Yang Tse (16 Apr 2012)
- ares_init.c: get_iphlpapi_dns_info() refactoring

Guenter Knauf (16 Apr 2012)
- Kill some more compiler warnings.
- Kill compiler warning about unused var.
- Fixed my last commit: wrong preprocessor directive.
- Check for __ANDROID__ in addition to ANDROID macro.
- Check for __ANDROID__ in addition to ANDROID macro.

Posted to c-ares list by Wayne.
- Fix for Android to disable useless arpa/nameser.h.
- Fix for Android to include sys/select.h for fd_set.

Yang Tse (17 Mar 2012)
- ares_data.c: some NAPTR related fixes

Daniel Stenberg (16 Mar 2012)
- port numbers: convert them to network order!

When the config options ARES_OPT_UDP_PORT or ARES_OPT_TCP_PORT are used, make sure to convert them to network byte order!

Bug: http://c-ares.haxx.se/mail/c-ares-archive-2012-02/0004.shtml
- white space cleanup
- Keep code within 80 columns
- Removed funny spaces after open paren and before closing paren
- [Poul Thomas Lomholt brought this change]
get_iphlpapi_dns_info: fix buffer overrun

I experienced a buffer overrun exception in c-ares on Windows and tracked it down to be an error in the calculation of the 'left' variable in get_iphlpapi_dns_info().

I changed the variable type of 'left' to a _signed_ type because of the subtraction arithmetic; not sure if a long is the best choice

- Merge pull request #7 from saghul/naptr

Added support for parsing NAPTR records

saghul (23 Feb 2012)
- Added support for parsing NAPTR records

Yang Tse (19 Jan 2012)
- ares_init.c: fix compiler warning on winsock builds

  - configure: libtool 1.5 tweaks

Daniel Stenberg (19 Dec 2011)
- ares_timeout.3: fix the NAME section

It was clearly a copy n' paste error

Yang Tse (27 Sep 2011)
- [Albert Chin brought this change]

configure - m4: make CURL_CHECK_DEF ignore leading whitespace on symbol def

When using Sun C compiler the preprocessor somehow inserts an extra space in front of replaced symbol, breaking CURL_CHECK_DEF macro. To workaround this, macro CURL_CHECK_DEF now ignores all leading whitespace in front of symbol substitution result.

- ares_init.c: fix segfault triggered in ares_init_options() upon previous failure of init_by_defaults() and incomplete cleanup there.

- ares_process.c: fix compiler warning

- fix MSVC compiler warning 'conditional expression is constant'

- setup_once.h cleanup and sync

- [Denis Bilenko brought this change]
ares_getnameinfo: fix random results with c-ares 1.7.5

In ares_getnameinfo memcpy did not copy enough bytes, causing it to return arbitrary memory contents as a result.

- warnings: fix another 'conversion may lose significant bits' compiler warning

- ares_dns.h: adjust DNS__16BIT and DNS__32BIT macro definitions

Fixing compiler warnings existing definitions triggered on these.

- ares_destroy.c: fix segfault in ares_destroy_options()

Daniel Stenberg (21 Aug 2011)
- ares_parse_srv_reply: silence compiler warnings

... by adding ugly typecasts.

- CHANGES: generate from script

The CHANGES file is now generated automatically with 'git2changes.pl', invoked by the maketgz script which is used to build release archives.

The former human edited CHANGES file was renamed to CHANGES.0 in git.

Yang Tse (21 Aug 2011)
- Makefile.netware: SIZEOF_SHORT definition

- warnings: fix some 'conversion may lose significant bits' compiler warnings

- configure: fix symbol hiding usability check

A more thorough test is done now in order to determine visibility attribute usability, given that some compilers don't support visibility attribute on all configurations.

Daniel Stenberg (16 Aug 2011)
- 1.7.6: start working...

Version 1.7.5 (16 Aug 2011)

Daniel Stenberg (16 Aug 2011)
- CHANGES: synced for 1.7.5 release

- RELEASE-NOTES: synced with bb4096effef7f000

Jakub Hrozek (15 Aug 2011)
- Only fall back to AF_INET searches when looking for AF_UNSPEC addresses
Yang Tse (10 Aug 2011)
- [Gisle Vanem brought this change]

ares_iphlpapi.h: Watcom C fix

Added "!defined(_WS2DEF_)") since Watcom doesn't have
a per type guard for the typedefs 'CSADDR_INFO' (that MingW has) or
'SOCKET_ADDRESS' (that MSVC has). But we can use the header-guard for
<ws2def.h> instead.

- [Gisle Vanem brought this change]

Makefile.Watcom:
* The 'NTDDI_VERSION' needs to be raised to 0x05010000
  in order for SOCKADDR_STORAGE etc. to be typedefed.
* Replaced `-dUSE_WATT32` with `-dWATT32`.
* Added S(DEMOS) to the 'all' target and removed the 'demos'
target to be consistent with e.g. Makefile.msvc etc.
* 'ENABLE_IPV6' is no longer used. Hence removed the '%use_ipv6' construct.
* object-file order seems to be important (Watcom v.19). Hence
  'ares_getopt.obj' must be put after the .obj that references getopt().

- cares-compilers.m4: CARES_CONVERT_INCLUDE_TO_ISYSTEM adjustments

Add CARES_CHECK_COMPILER as a requirement.

Ensure macro does nothing unless GNU_C or CLANG compiler is used.

This should allow usage of this macro in unforeseen placements.

- config-win32.h: comments adjustments - followup

- config-win32.h: comments adjustments

Daniel Stenberg (5 Aug 2011)
- [Tom Hughes brought this change]

ares_parse_a_reply: fix memleak

Yang Tse (29 Jul 2011)
- cares-functions.m4 serial # bump

- Revert "configure: additional flag checks for fcntl() and socket()"

This reverts commit 5f2a3b0e48f26d24cb1fe1ea0dcecb92d417debf7.

- configure: additional flag checks for fcntl() and socket()
- xc-translit.m4 fix quoting

- configure: avoid direct usage of AS_TR_* macros

- xc-translit.m4 provides transliteration macros with well defined behavior.

Jakub Hrozek (15 Jun 2011)
- Revert "Only fall back to AF_INET searches when looking for AF_UNSPEC addresses"

This reverts commit b5823d65706af687c0e5110af8f0cf0cd068997d.

This patch was not reviewed properly before pushing

- Revert "Do not use sized constants in public headers"

This reverts commit 22c01e96f7b2ae9923e1baa50bfe3c0d22297a7d.

This is a Red Hat specific patch that does not belong into upstream

- Use correct sizeof in ares_getnameinfo()

- Do not leak rr_name on failures inside ares_parse_ptr_reply

- Do not leak rr_name on failures inside ares_parse_a_reply

- Do not leak rr_name on failures inside ares_parse_aaaa_reply

- Do not leak rr_name on failures inside ares_parse_ns_reply

- Fix incorrect sizeof() in ares_save_options

- Fix incorrect allocation in ares_parse_ptr_reply()

- Only fall back to AF_INET searches when looking for AF_UNSPEC addresses

- Do not use sized constants in public headers

Daniel Stenberg (13 Jun 2011)
- [Jakub Hrozek brought this change]

ares_free_hostent(NULL) should be a noop

Yang Tse (8 Jun 2011)
- configure: fix recvfrom 5th arg type qualifier detection (followup)

- configure: fix recvfrom 5th arg type qualifier detection
Additionally remove whitespace from EOL

Daniel Stenberg (4 Jun 2011)
- strlen: use size_t to receive the return

Yang Tse (4 Jun 2011)
- xlc: avoid preprocessor definition usage when linking

- ares_nowarn: icc 9.1 workaround

- ares_nowarn: header inclusion fix

- ares_init: make ares_private.h last included header again

- compiler warning: fix

Fix compiler warning: conversion may lose significant bits

- compiler warning: fix

Fix compiler warning: variable was set but never used

Fix compiler warning: clobber ignored

- ares_iphlpapi: fix compiler warnings

- winsock: compilation fixes

Provide winsock iphlpapi alternative definitions to prevent compilation failures when using a variety of winsock header implementations.

Daniel Stenberg (17 May 2011)
- [David Stuart brought this change]

IPv6-on-windows: find DNS servers correctly

- man pages: docs for the c-ares utility programs

- ares_parse_ns_reply.c: remove CVSism

Yang Tse (27 Mar 2011)
- build: fix header inclusion

- getservbyport replacement for Win CE

- renamed getplatform() to ares__getplatform() to avoid namespace pollution

- configure: fix libtool warning
Recent versions of libtool are now tracing usage of `AC_CONFIG_MACRO_DIR` macro and warn heavily when not used in configure script along with `ACLOCAL_AMFLAGS` in Makefile.am. So in order to make libtool happy while keeping backwards compatibility this is added.

- adig: RFC4034 resource record type detection

  Can be tested with: adig -s 8.8.8.8 -t ANY example.com

- nameser.h: RFC4034 resource record type definitions

- build: move platform stuff to ares_platform.c and ares_platform.h

- build: find out windows platform using GetVersionEx()

- build: use getenv() replacement function for systems which lack it

- setup_once: system error codes for Windows CE

- ares_search: use ERRNO macro for portability sake

- System's errno.h inclusion cleanup follow-up.

  System's errno.h is conditionally included from setup_once.h

- Windows CE specific adjustment

  All versions of Windows CE support Winsock 1.1

- System's errno.h inclusion cleanup.

  System's errno.h is conditionally included from setup_once.h

- ares_init: fix gethostname error detection on winsock platforms

- configure: r-enable temporarily disabled detection of system's inet_ntop()

  Detection was temporarily disabled in commit 674e044ccb21f2f63537da53565fcede868f

  Daniel Stenberg (15 Mar 2011)

  - configure: stop using the deprecated AM_INIT_AUTOMAKE syntax

  - [Gisle Vanem brought this change]

  Watt-32: use errno

  Make sure Watt-32 programs use 'errno' even on Win32 targets
Guenter Knauf (18 Feb 2011)
- Removed commented CLFAGS no longer needed.
- Fixed CFLAGS for NetWare.

Added -m32 to enable compilation with x86_64 compilers;
added conditional to set -fpcc-struct-return only for gcc compiler.

Daniel Stenberg (18 Feb 2011)
- [Gisle Vanem brought this change]

Watt32: fix server init

Somewhere in the process, programs using the Watt-32 tcp/ip stack
stopped working.

- [Dima Tisnek brought this change]

config_sortlist: (win32) missing else

Without an else there, contents of "pat" that could have been
successfully set just above, may be clobbered by successive unsuccessful
calls to "xxx_pton" or "ip_addr".

Yang Tse (17 Jan 2011)
- Makefile.msvc: add a couple of VS version strings
- Makefile.msvc: add a couple of VS version strings
- build: add install target to Makefile.msvc

Daniel Stenberg (27 Dec 2010)
- ares_set_servers_csv: remove unused variables
- init_by_resolv_conf: fix compiler warnings

The code received the return codes in the 'status' variable without
using it. Instead we just ignore those particular errors.

- getv4: Value stored to 'dst' is never read
- advance_tcp_send_queue: avoid NULL ptr dereference

If given a too large 'num_bytes' value, it would cause a NULL ptr
dereference. Instead the code will now break out of the loop at the end
of the list.
- [Peter Pentchev brought this change]

configure: fix a bashism

- cleanup: avoid unsafe typecasts

Avoid the risk of reading 16bit data from an unaligned address by using a macro that is adapted for this.

- [Stefan Bhler brought this change]

ares_expand_name: Fix encoded length for indirect root

Yang Tse (18 Dec 2010)
- build: add some explicit file references to VS project files

- config-win32: provide HAVE_ASSERT_H definition

- build: include ares_nowarn in sample program VS project files

- build: include ares_nowarn among SAMPLESOURCES and SAMPLEHEADERS

- configure: temporarily disable detection of system's inet_ntop()

This is done to allow compilation of ares_inet_ntop() by some daily builds picky compilers that otherwise do not need this function.

- changes: mention last fix

- ares_inet_ntop: remove definition and usage of macro SPRINTF

Existing definition of SPRINTF always resulted in sprintf() being used, and sprintf() returning 'int' is already used throughout the library.

- ares_inet_ntop: reapply changes from previous c-ares version (III)

- Replace 'u_char' with 'unsigned char'.
- Replace 'u_int' with 'unsigned int'.
- use macros ERRNO and SET_ERRNO() for errno handling.

- ares_inet_ntop: reapply changes from previous c-ares version (II)

- Remove rcsid.
- Adjust header file inclusions.
- ares_inet_ntop used only on systems without a proper inet_ntop function.

- ares_inet_ntop: reapply changes from previous c-ares version (I)
- Replace tabs with spaces.
- Use ANSI C style for function declarations and definitions.
- Use sizeof with parentheses.

- ares_inet_ntop: fix off by one error triggering out of bounds write

ares_inet_ntop would trigger an out of bounds write when the representation
of the address required 15 characters, due to not taking in account null
termination character.

Full import of inet_ntop.c from bind-9.5.3rc1 to pull additional fixes.

- ares_nowarn: add conditional inclusion of assert.h header

- fix compiler warning: conversion may lose significant bits

- ares_inet_net_pton: fix non-rejection of some malformed literals

ares_inet_net_pton would return wrong values when excessively large,
and invalid, netmasks are used. Fixes are from bind-9.5.3rc1,
issue also described in the WLB-2008080064 advisory.

- setup_once: provide ISASCI macro

- configure: inet_net_pton function check adjustments

Define HAVE_INET_NET_PTON only when system's inet_net_pton function is IPv6
capable and is not affected by the WLB-2008080064 advisory.

HAVE_INET_NET_PTON_IPV6 is no longer defined nor used.

- ares_init: fix detection of semicolon comments in resolv.conf

File resolv.conf may either use a hash '#' or a semicolon ':' character as an
indication that the rest of the line is a comment. This fixes not recognizing
the semicolon as a valid comment indicator in resolv.conf.

- version: start working on 1.7.5

Version 1.7.4 (8 Dec 2010)
Daniel Stenberg (8 Dec 2010)
- release-preps: CHANGES and RELEASE-NOTES synced

- ares_set_local_*: added in 1.7.4, not before

Yang Tse (3 Dec 2010)
- build: provide SIZEOF_SIZE_T definition for non-configure builds
- build: config.dos renamed to config-dos.h

- build: provide SIZEOF_SIZE_T netware definition

- ares_gethostbyaddr: fix compiler warning: conversion may lose significant bits

- configure: undo using autobuilds to temporarily verify strict aliasing warnings.

- fix compiler warning: rounding, sign extension, or loss of accuracy may result

Daniel Stenberg (2 Dec 2010)
- [Ben Noordhuis brought this change]

ares_parse_a_reply: fix CNAME response parsing

Reply to a CNAME query doesn't contain addresses, causing
ares_parse_a_reply() to bail out with ARES_ENODATA

Bug: http://groups.google.com/group/nodejs/browse_thread/thread/a1268c9ea5e9ad9b

Yang Tse (1 Dec 2010)
- fix compiler warning: conversion may lose significant bits

- atoi: remove atoi usage

- ares_init: fix compiler warning: conversion may lose significant bits

- configure: fix autoconf warning

- inet_pton: fix compiler warning

- configure: use autobuilds to temporarily verify strict aliasing warnings.

Temporarily, When cross-compiling with gcc 3.0 or later, enable strict aliasing rules and warnings. Given that cross-compiled targets autobuilds do not run the test-suite, there is no risk of running code that violates strict aliasing rules

- ares_getnameinfo: Partially revert commit 85520d66e0ac7ac73411bc25e98769a88b2f

Upon socket address family and length validation failure return ARES_ENOTIMP in callback again, this is the error code documented in man page and used mostly all over the library.

- ares_getnameinfo: Validate socket address family and length.

Validate socket address family and that the socket address length is appropriate for the specified family. Failure is reported with ARES_EBADFAMILY in callback.
- ares_getnameinfo: fix two compiler warnings

- Added another VS10 version string

- Fix GCC 4 compiler warning 'dereferencing type-punned pointer might break strict-aliasing rules'.

- Revert commit 494274e653936335c255a47599970de3df21e7e4

- configure: fix autoconf 2.68 warning: no AC_LANG_SOURCE call detected in body

- Fix compiler warning: array subscript has type 'char'

- Fix GCC 4 compiler warning 'dereferencing type-punned pointer might break strict-aliasing rules'.

- Revert following commits:
07bc7ea79509bce9ef6e09151e81766ed00d3392
3392a50ea3f8573ea4b7a9d82b9833dab60cb0e9
9912637d32c9987719a1ea12db591ae2941891c

The purpose of the whole patch was to silence a compiler warning triggered with GCC 4 on file ares_process.c The specific compiler warning was 'dereferencing type-punned pointer might break strict-aliasing rules'.

A simpler patch will follow to equally silence the warning.

- ares_options: reorder header inclusions to make inclusion of ares_private.h the last included one again.

Daniel Stenberg (12 Nov 2010)
- [Patrik Thunstrom brought this change]

adig: fix NAPTR parsing

I ran across a small "issue" in your adig example.

It is simply the last part of the NAPTR record, the replacement element, which is not a string, as currently handled in adig, but a domain name.

- ares_save_options: assignments instead of memcpy

- init_by_options: don't copy an empty sortlist

If there aren't any sort items to copy, don't bother. Without this little precaution it would do a malloc(0) which causes undefined behaviors and is frowned upon by curl's memdebug-system.

Guenter Knauf (3 Oct 2010)
- Minor Watcom makefile tweaks.

Daniel Stenberg (30 Sep 2010)
- [Mike Crowe brought this change]

Fix lookup with HOSTALIASES set.

ares_read_line returns ARES_EOF when it reaches the end of the file. This will happen every time when reading to the end of the HOSTALIASES file. Unfortunately single_domain treats this error as being fatal.

Signed-off-by: Mike Crowe <mac@mcrowe.com>

Ben Greear (24 Aug 2010)
- Add missing break that caused get_areas_servers to fail.

Reported-by: Ning Dong <flintning@163.com>
Signed-off-by: Ben Greear <greearb@candelatech.com>

Yang Tse (11 Aug 2010)
- configure: werror related adjustments

Guenter Knauf (8 Aug 2010)
- Added copyright string to ares_version.h and make use of it in other files.

- Block created ares_build.h for NetWare to avoid usage from other platforms.

- Fix to overwrite default libname.

- Some more Watcom makefile massage ...

- Some more Watcom makefile massage ...

Ben Greear (4 Aug 2010)
- sock-addr-storage: Detect and deal with lack of ss_family member.

AIX, at least, does not have sockaddr_storage.ss_family member.
Detect this in the configure logic and use proper #ifdefs in the ares_process logic.

Signed-off-by: Ben Greear <greearb@candelatech.com>
Tested-by: Tor Arntsen <tor@spacetec.no>

Guenter Knauf (3 Aug 2010)
- Added Watcom makefile based on libcurl's Makefile.Watcom.

Ben Greear (31 Jul 2010)
- typo: Fix compile bug for platforms that don't have sockaddr_storage.

Bug was introduced by me in previous commit.

Signed-off-by: Ben Greear <geree@candelatech.com>

- Fix aliasing warning in gcc 4.4.4 (at least).

Should be no functional change, though the code gets a bit ugglier.

Signed-off-by: Ben Greear <geree@candelatech.com>

Daniel Stenberg (31 Jul 2010)
- ares_set_servers_csv: use ISDIGIT

The IS*() set of macros are preferred to the regular is*() functions as they help us avoid the most common pitfalls.

Ben Greear (30 Jul 2010)
- cast arg to isdigit to int

Looks like it might silence a warning on Netware build.

Signed-off-by: Ben Greear <geree@candelatech.com>

- remove all uses of uint32_t

Previous fix forgot a few.

Signed-off-by: Ben Greear <geree@candelatech.com>

- fix signed v/s unsigned casts warning in ares_gethostbyaddr.c

Signed-off-by: Ben Greear <geree@candelatech.com>

- local-bind-fixup: Fix inet_pton warning.

Conditionally include <arpa/inet.h> for inet_pton headers.

Signed-off-by: Ben Greear <geree@candelatech.com>

- build: Enable compiling with -Werror.

This helps find compile warnings because they simply break the build.
To use:
./configure --enable-warnings --enable-werror

Signed-off-by: Ben Greear <greak@candelatech.com>

- ipv6: Fix some build issues related to the local-bind feature.

Signed-off-by: Ben Greear <greak@candelatech.com>

Guenter Knauf (29 Jul 2010)
- Replaced uint32_t with unsigned int to fix broken builds on a couple of platforms.

Daniel Stenberg (18 Jul 2010)
- [Ben Greear brought this change]

local-bind: Support binding to local interface/IPs

Add 3 new functions to set the local binding for the out-going socket connection, and add ares_set_servers_csv() to set a list of servers at once as a comma-separated string.

Signed-off-by: Ben Greear <greak@candelatech.com>

- version: now start on 1.7.4

- [Andrew C. Morrow brought this change]

fix memory leak in ares_getnameinfo

Version 1.7.3 (11 Jun 2010)

Daniel Stenberg (11 Jun 2010)
- changelogs: updated for 1.7.3

- [BogDan Vatra brought this change]

init: allow c-ares to work on Android OS

- changelog: fill in the 1.7.2 changes

- added another pdf to ignore

Yang Tse (11 Jun 2010)
- add ares_parse_mx_reply.c to VS dsp file

Daniel Stenberg (10 Jun 2010)
- tarball: add $(CSOURCES) $(HHEADERS) to EXTRA_DIST
It's not clear to me why we need this, but we apparently may otherwise not get all files bundled in the dist tarball.

- version: start working on 1.7.3

Version 1.7.2 (10 Jun 2010)

Daniel Stenberg (10 Jun 2010)
- RELEASE-NOTES: 1.7.2 details added

- [Jakub Hrozek brought this change]

ares_init: Last, not first instance of domain or search should win

- style: make code less than 80 columns wide

Yang Tse (31 May 2010)
- [Tor Arntsen brought this change]

improve alternative definition of bool to use enum instead of unsigned char

- fix VS2010 compiler warnings

Daniel Stenberg (18 Apr 2010)
- [Jrmy Lal brought this change]

added ares_parse_mx_reply

- repair the file mode

- remove all $Id$ lines

- remove all .cvsignore files

- spell fix

reported by Gregor Jasny on the mailing list

- [Peter Pentchev brought this change]

Fix a couple of typos and grammar nits.

- ignore the GPG signature files too

- start the journey towards 1.7.2

- no longer CVS tagging
- ignore generated PDFs

Version 1.7.1 (23 Mar 2010)

Daniel Stenberg (23 Mar 2010)
- 1.7.1

- made README the primary readme file

... and did README.cares to contain a historic reason etc.

- s/CVS/git

- git now, not CVS

- ignore lots of generated files

- [Daniel Johnson brought this change]

Fix warnings for clang

Yang Tse (17 Mar 2010)
- replaced intel compiler option -no-ansi-alias with -fno-strict-aliasing

- update outdated serial number

- fix compiler warning

- watt32 compilation fix

- Added another VS10 version string

- fix line break

- removed usage of 's6_addr', fixing compilation issue triggered with no longer using 'in6_addr' but only our 'ares_in6_addr' struct

Daniel Stenberg (5 Mar 2010)
- Daniel Johnson provided fixes for building with the clang compiler

Yang Tse (5 Mar 2010)
- Added IPv6 name servers support

Gisle Vanem (5 Mar 2010)
- Ops!. Readded ares_nowarn.h.

- Added ares_nowarn.c.
Yang Tse (28 Feb 2010)
- Added SIZEOF_INT and SIZEOF_SHORT definitions for non-configure systems

- Added ares_nowarn.* to VC6 project file

- Added SIZEOF_INT definition

- fix compiler warning

- fix compiler warning

- fix compiler warning

Daniel Stenberg (17 Feb 2010)
- ares_reinit()

- To allow an app to force a re-read of /etc/resolv.conf etc, pretty much like the res_init() resolver function offers

- - Tommie Gannert pointed out a silly bug in ares_process_fd() since it didn't check for broken connections like ares_process() did. Based on that, I merged the two functions into a single generic one with two front-ends.

Yang Tse (30 Dec 2009)
- VMS specific preprocessor symbol checking adjustments

- Mention last changes

- - Fix configure_socket() to use ares_socket_t instead of int data type.

- - Where run-time error checks enabling compiler option /GZ was used it is now replaced with equivalent /RTCsu for Visual Studio 2003 and newer versions.

- Compiler option /GX is now replaced with equivalent /EHsc for all versions.

- - Ingmar Runge noticed that Windows config-win32.h configuration file did not include a definition for HAVE_CLOSESOCKET which resulted in function close() being inappropriately used to close sockets.

Daniel Stenberg (30 Nov 2009)
- start working on 1.7.1

Version 1.7.0 (27 Nov 2009)

Yang Tse (27 Nov 2009)
- Preserve empty line following last target

- - Larry Lansing fixed ares_parse_srv_reply to properly parse replies
which might contain non-SRV answers, skipping over potential non-SRV ones such as CNAMEs.

- When using icc, compile with -fpic and link with intel dynamic libraries.

- Added ‘currently’ in italics to insist on transient situation.

- Fix language

- Daniel wants upcoming release to be 1.7.0

- Mention last changes

- Removed from external interface preprocessor symbol definition for CARES_HAVE_ARES_FREE_DATA. Current functionality of ares_free_data() makes it unnecessary.

- Added README.msvc

- Changed c-ares naming conventions when using MSVC as described in README.msvc

- Mention other recent changes

- Jakub Hrozek renamed addrttl and addr6ttl structs to ares_addrttl and ares_addr6ttl in order to prevent name space pollution, along with necessary changes to code base and man pages. This change does not break ABI, there is no need to recompile existing applications. But existing applications using these structs with the old name will need source code adjustments when recompiled using c-ares 1.6.1.

- Jakub Hrozek fixed more function prototypes in man pages to sync them with the ones declared in ares.h

- Make configure remove the ares_build.h file included in distribution tarballs.

- Fix macro redefinition.

- Fix name space pollution.

- Allow using different extra import libraries for debug and release builds.

- Add manifest stuff to msvc makefile

- Sync man page with reality

- Add missing external API decoration for ares_set_socket_callback()

- Add ares_free_data() man page.
- Provide in external interface preprocessor symbol definitions for CARES_HAVE_ARES_FREE_DATA as an indication of function availability.

- Remove typecast

- Fix comment

- Add ares_data.c and ares_data.h

- Jakub Hrozek modified ares_parse_srv_reply() and ares_parse_txt_reply() API to return a linked lists of results. These were also modified to internally use the ares_data memory struct and as such its result must be free'd with ares_free_data().

- Initial support for the generic ares_free_data() function that will allow applications to free memory allocated and returned by some c-ares funtions.

- Make usage of calloc()'s arguments consistent with rest of code base

- workaround icc 9.1 optimizer issue

- Add icc fvisibility bug test

- Fix icc 9.0 compiler warning: external definition with no prior declaration

- Fix three var names

- Add check for assert.h header file

- getaddrinfo is fully thread safe on solaris versions which implement the function even when h_errno is not a macro.

The h_errno macro test now only done on systems for which there is no hard coded knowledge about getaddrinfo's thread safeness.

- Remove files generated on previous buildconf/configure run

- Remove enable-thread / disable-thread configure option. These were only placebo options. The library is always built as thread safe as possible on every system.

- Refactor how preprocessor symbol _THREAD_SAFE definition is done.

- Assume that getaddrinfo is thread safe, unless hard coded knowledge says the contrary or h_errno is not defined.

- Related with the threadsafe capability of getaddrinfo:
- Constantine Sapuntzakis reported that Darwin 6.0 a.k.a. MAC OS X 10.2 and newer have a threadsafe getaddrinfo.

- Fix Dragonfly BSD triplet detection.

- In case the hard-coded knowledge says that getaddrinfo is threadsafe, an additional check is done to verify that h_errno is also defined. If h_errno isn't defined, we finally assume that it isn't threadsafe. Jamie Lokier provided the inspiration for this extra check.

- AIX 5.2 and newer have threadsafe getaddrinfo.

Add some comments to better understand what the regex's pretend to achieve.

- HP-UX 11.11 and later have threadsafe getaddrinfo

- Check if getaddrinfo is threadsafe when function check allows it to be used

- Renamed fpGetNetworkParams and fpSystemFunction036 to avoid namespace pollution with static library

- Add kernel32.lib

- Mention last changes

- Reinstate copyright symbol lost in previous commit

- Make some strings different in resource file for debug or release builds

- Ignore more subdirs

- Fix compiler warning: conditional expression is constant

- Sync linker and resource compiler options with Makefile.msvc

- Follow Makefile.msvc subdirectory naming scheme, and sync compiler options

- Updated MSVC makefile that allows building dynamic and static c-ares libraries in debug and release flavours.

Additionally each of the three sample programs is built against each of the four possible c-ares libraries, generating all this a total number of 12 executables and 4 libraries.

- Test for USE_WINSOCK since it is more restrictive than WIN32

- Make header inclusion depend on HAVE_*_H definition

- Remove unneeded preprocessor directives
- Adjust c-ares include paths for memory tracking enabled (--enable-curldebug) builds

- source files used by sample programs

- Renamed c-ares setup.h to ares_setup.h

- Adjust include paths to take in account that currently:

c-ares with --enable-curldebug uses memdebug.h from libcurl's lib subdirectory.

memdebug.h needs access to libcurl's setup.h from libcurl's lib subdirectory and also needs access to libcurl's generated curl_config.h

- Undo old temporary change once used for testing purposes

- Mention many changes

- Mention --enable-symbol-hiding configure option

- Symbol hiding configure options renamed to the hopefully less ambiguous --enable-symbol-hiding and --disable-symbol-hiding as well as related macro names and some internal variables used for them.

Related configuration file preprocessor symbols named to CARES_SYMBOL_HIDING and CARES_SYMBOL_SCOPE_EXTERN.

- Header inclusion depending on HAVE_* symbol.
  Fix two typos.

- Comparison of the Initial revision of this file with ares_parse_a_reply.c shows that this one is actually a modified copy of ares_parse_a_reply.c.

In order to comply with ares_parse_a_reply.c's M.I.T. license, the old 1998 M.I.T. copyright notice is now also preserved in this file the same as it is done in other ares_parse_*.c files.

- Add CVS Id tag.
  Fix identification of some license lines.

- Add CVS Id tag.

- Fix comment

- In no particular order, changed/fixed all of the following in ares_parse_txt_reply() current version:

  - Fixed a couple of potential double free's.
- Fixed memory leaks upon out of memory condition.

- Fixed pointer arithmetic.

- Setting ntxtreply to zero upon entry for all failure cases.

- Changed data type to size_t for variables substr_len, str_len and the length member of ares_txt_reply struct.

- Avoided a couple of memcpy() calls.

- Changed i data type to unsigned int to prevent compiler warnings.

- Adjusted a comment.

- Use ARES_SUCCESS literal for successful completion.

- Added CVS Id tag.

- Add c-ares DLL resource file to distribution archive

- ignore files

- Empty subdir

- Updated MSVC 6.0 workspace and project files that allows building dynamic and static c-ares libraries in debug and release flavours.

Additionally each of the three sample programs is built against each of the four possible c-ares libraries, generating all this a total number of 12 executables and 4 libraries.

Daniel Stenberg (29 Oct 2009)
- no need to check for NULL pointers before dereferencing, as the pointers MUST be valid and they are dereferenced further down in the function unconditionally!

- shorten the descriptions somewhat

- update to the new struct name

- Jakub Hrozek added ares_parse_txt_reply() for TXT parsing

- use 'ares_srv_reply' for proper name-spacing

Yang Tse (29 Oct 2009)
- Add reference for ares_parse_srv_reply.pdf
- Add reference for ares_parse_srv_reply docs

- External API function linkage decoration adjustment

- External API function linkage decoration adjustment

- Initial step towards the ability to reduce c-ares exported symbols based on the 'visibility' attribute for GNUC and __global for Sun compilers, taking also in account __declspec function decoration for Win32 and Symbian DLL's.

Introducing configure options --enable-hidden-symbols and --disable-hidden-symbols following libcurl's naming.

- Fix comment

- Fix spelling

- Fix Pelles C Win32 target compilation issues

- John Engelhart noticed an unreleased problem relative to a duplicate ARES_ECANCELLED error code value and missing error code description.

- Fix compiler warning: local variable may be used without having been initialized

- Use *_CHECK_PATH_SEPARATOR_REQUIRED to ensure that *_CHECK_PATH_SEPARATOR is only expanded and included once in the configure script.

- Our _AS_PATH_SEPARATOR_PREPARE override is now m4_defun'd instead of m4_define'd due to autoconf 2.64 m4_require'ing it in _AS_SHELL_SANITIZE indirectly through _AS_PATH_WALK.

- Fix compiler warning: argument is incompatible with corresponding format string conversion

- Fix potential out-of-bounds read

- Fix compiler warning: loop without body

- Fix compiler warning

- Fix compiler warning

- Fix compiler warning

- Fix compiler warning: addition result could be truncated before cast to bigger sized type

- Overhauled ares__get_hostent()
- Fixing out of bounds memory overwrite triggered with malformed /etc/hosts file.
- Improving parsing of /etc/hosts file.
- Validating requested address family.
- Ensuring that failures always return a NULL pointer.
- Adjusting header inclusions.

- Fix ssize_t redefinition errors on WIN64 reported by Alexey Simak

- more files to ignore

- Check if _REENTRANT definition is required to make errno available as a preprocessor macro.

- Attempt to silence bogus compiler warning: "Potential null pointer dereference"

- ignore more files

Gisle Vanem (7 Sep 2009)
- Suppress warnings about unused prototypes in Watt32 and Win32 programs.

- Update email address.

- Update my email address. Add ares_config.h as dependency for 'make depend'.

Yang Tse (6 Sep 2009)
- T_SRV portability check

Gunter Knauf (5 Sep 2009)
- changed includes to match style how we do with all other *.c files.

- changed u_int16_t to unsigned short because it is the only place within ares and curl where such a type would be used;
  also it broke many autobuilds. We should probably introduce an ares_port_t if we want to use a type here.

Gisle Vanem (5 Sep 2009)
- Replace 'uint16_t' with 'u_int16_t' since the latter is used in ares.h.

- Added 'ares_parse_srv_reply.obj'. Added definition of 'u_int16_t'. This is I don't like; we should not depend on such non-universal types in a public header. But this is just a quick fix.

Daniel Stenberg (4 Sep 2009)
- - Jakub Hrozek added ares_parse_srv_reply() for SRV parsing

Steinar H. Gunderson (27 Aug 2009)
- Support lookup of IPv4 literals in ares_gethostbyname(), even when the address family is set to AF_INET6.

Gisle Vanem (3 Aug 2009)
- Remove call to LoadLibrary(). (leftover from debugging).

- Fix bad sentence.

Daniel Stenberg (3 Aug 2009)
- • Timo Teras changed the reason code used in the resolve callback done when ares_cancel() is used, to be ARES_ECANCELLED instead of ARES_ETIMEOUT to better allow the callback to know what's happening.

- • Joshua Kwan fixed the init routine to fill in the defaults for stuff that fails to get initied by other means. This fixes a case of when the c-ares init fails when internet access is fone.

Gunter Knauf (16 Jul 2009)
- • test if adding ../lib to includes can fix the current break ...

- • renamed generated config.h to ares_config.h in order to avoid clashes when libcurl is used with other projects which also have a config.h.

Yang Tse (21 Jun 2009)
- • Refactor how libraries are checked for connect() function, follow-up.

- • Refactor how libraries are checked for connect() function, and check for connect() as it is done for other functions.

Gisle Vanem (20 Jun 2009)
- • Remove unneeded defines.

- • Use select_s() and not select().

Yang Tse (19 Jun 2009)
- • sclose() function-like macro definition used to close a socket, now solely based on HAVE_CLOSESOCKET and HAVE_CLOSESOCKET_CAMEL config file preprocessor definitions.

- • add CloseSocket camel case function check

- • check for socket() and closesocket() as it is done for other functions

- • Remove HAVE_CONFIG_H definition from here, CFLAGS from common.dj already defines it.

- • initial step towards decoupling c-ares from libcurl for DOS

- • don't ignore these subdirs, they must be removed first

- • Remove DEBUGBUILD symbol definition, is not required for programs using the library.
- DEBUGBUILD symbol definition for debug builds

- ignore some subdirs

- fix comment

- Try to make more clear that --enable-curldebug has nothing to do with --enable-debug for this library.

- Revert last change, it is inappropriate.

Gisle Vanem (12 Jun 2009)
- Replace CURLDEBUG with DEBUGBUILD.

Yang Tse (11 Jun 2009)
- when running automake copy missing files instead of symlinking them

-Adjusted to take in account that...

With the curl memory tracking feature decoupled from the debug build feature, CURLDEBUG and DEBUGBUILD preprocessor symbol definitions are used as follows:

CURLDEBUG used for curl debug memory tracking specific code (--enable-curldebug)

DEBUGBUILD used for debug enabled specific code (--enable-debug)

- c-ares' --enable-debug --enable-curldebug decoupling follow-up

- mention last changes

- Remove buildconf.bat from release and daily snapshot archives.

buildconf.bat is only for CVS tree builds.

- Ensure that buildconf.bat does nothing unless it is used with a CVS checkout.

- CVS-INFO file only present in CVS tree, never in release nor daily snapshot archives. Used as a sentinel file in buildconf.bat to differentiate CVS builds.

Gisle Vanem (8 Jun 2009)
- Update comment about "ML". Removed "-D_USE_32BIT_TIME_T" (not a requirement).

Yang Tse (8 Jun 2009)
- just comment it out

- For debugging purposes...

Disable the `-export-symbols-regex` to discard this as the origin of link failures related with shared libraries and non-GNU linkers.
- c-ares Makefile.am back to using $(top_builddir) for *_LDADD

- c-ares’ -no-undefined and --enable-curldebug adjustments

- Use relative path to built c-ares tree libtool library

- John E. Malmberg noticed that the configure script was failing to detect the timeval struct on VMS when building with _XOPEN_SOURCE_EXTENDED undefined due to definition taking place in socket.h instead of time.h

- Fix compiler warning: out of bound access

- fix compilation on AIX

- c-ares' --enable-curldebug adjustments

- Remove temporarily introduced memory leak.

- Temporarily introduce a memory leak to verify curl debug memory tracking works.

- Allow curl debug memory tracking when building a shared library on systems which support external, undefined, symbols in shared libraries.

Daniel Stenberg (26 May 2009)
- language fix

Yang Tse (26 May 2009)
- Make ares_init(), ares_dup() and ares_init_options() return ARES_ENOTINITIALIZED if library initialization has not been performed calling ares_library_init().

- c-ares's --enable-curldebug configure option decoupled from c-ares's --enable-debug

- Prevent copying 'sourced' manpages for build targets that don't use them.

Daniel Stenberg (23 May 2009)
- minor edits

Yang Tse (21 May 2009)
- Include .pdf versions of c-ares man pages in distribution tarball.

- Allow generation of .html and .pdf versions of c-ares man pages.

Gisle Vanem (21 May 2009)
- $(OBJ_DIR)/ares_getopt.o must be cleaned explicitly.

Yang Tse (20 May 2009)
- Mention last changes
- Initial ares_library_cleanup(3) man page

- Update man page

- Update man page

- Initial ares_library_init(3) man page attempt

- Force revision update, to force CVS to update the $Id date string format

- Add same copyright notice as other c-ares files

- Fix case

- Remove run-time requirement for advapi32.dll since c-ares can work even with no advapi32.dll at all.

- Intentionally avoid checking if the address of SystemFunction036, a.k.a. RtlGenRandom, has been located or not. This function is only available on WinXP and later. When unavailable c-ares uses portable rand() function.

- Provide in external interface preprocessor symbol definitions for CARES_HAVE_ARES_LIBRARY_INIT and CARES_HAVE_ARES_LIBRARY_CLEANUP to ease the use of new capabilities.

- Move ares_version() prototype to ares.h

- Introduction of ares_library_init() and ares_library_cleanup()

- Introduction of ares_library_init() and ares_library_cleanup()

- remove outdated comment

- Fix preprocessor conditional expression

- fix *__SOCKLEN_T definitions for remaining targets

- *__SOCKLEN_T definitions for OS400 already fixed

- fix *__SOCKLEN_T definitions for SYMBIAN32 and VMS targets

Daniel Stenberg (11 May 2009)
- Gregor Jasny made c-ares link with libtool`s -export-symbols-regex option to only expose functions starting with ares_.

Yang Tse (11 May 2009)
- Remove experimental check. Currently there's no need for it.
- Fix an m4 overquoting triggering a spurious 'AS_TR_CPP' symbol definition attempt in generated config.h

- Proper naming for the experimental compiler test and moved to *.compilers.m4

- Moved *_CHECK_COMPILER_HALT_ON_ERROR and *_CHECK_COMPILER_ARRAY_SIZE_NEGATIVE to *.compilers.m4 along with other *_CHECK_COMPILER_ *

- fix __SOCKLEN_T definitions for OS400 and generic GCC targets

- fix __SOCKLEN_T definitions for MVS and 370 targets

- fix __SOCKLEN_T definitions for several Windows target tool-chains

- HP-UX's X/Open network library requirement check follow-up

- HP-UX's X/Open network library requirement check follow-up

- Use build-time configured ares_socklen_t instead of socklen_t

- David McCreedy's "TPF-platform specific changes to various files" patch follow-up

Daniel Stenberg (1 May 2009)
- s/libcurl/c-ares

- version number typo fix

Yang Tse (1 May 2009)
- David McCreedy's "TPF-platform specific changes to various files" patch

- Check definition of _XOPEN_SOURCE_EXTENDED with the compiler

- Check if X/Open network library is required

- cope with ares_build.h and ares_rules.h follow-up

- Added some notes regarding ares_build.h

- fix EOL

- fix EOL

- cope with ares_build.h and ares_rules.h

- buildconf.bat for CVS-tree c-ares

- Use 'unsigned int' instead of size_t attempting to avoid header inclusion
- NetWare LibC's getpeername() third argument data type is size_t

- Remove temporary debug tracing for ares_socklen_t Windows targets

- ares_socklen_t follow-up

- ares_build.h Windows follow-up

- Add temporary debug tracing for ares_socklen_t Windows targets

- ares_build.h NetWare follow-up

- ares_build.h NetWare attempt

- Initial step towards a configure time ares_socklen_t definition

- ignore stamp-h*

- Added CARES_INCLUDES_SYS_TYPES

- Initial step towards a configure time curl_socklen_t definition

- avoid use of alloca()

- Moved potential inclusion of system's malloc.h and memory.h header files to setup_once.h. Inclusion of each header file is based on the definition of NEED_MALLOC_H and NEED_MEMORY_H respectively.

- ignore

Gisle Vanem (18 Apr 2009)
- Added `-DHAVE_LIMITS_H`.

Yang Tse (17 Apr 2009)
- remove compiler options used while debugging the icc 9.1 optimizer issue

- moved HAVE_LIMITS_H to common defines

- Set HP-UX compiler warning level back to the one that exposes the socklen_t issue on this platform.

- HAVE_LIMITS_H definition for NetWare CLIB

- use HAVE_LIMITS_H symbol to protect limits.h inclusion

- fix compiler warning: implicit conversion shortens 64-bit value into a 32-bit value
- s/u_long/unsigned long/

- Do not halt compilation when using VS2008 to build a Windows 2000 target

- ignore

Phil Blundell (3 Feb 2009)
- * February 3 2009 (Phil Blundell)
  - If the server returns garbage or nothing at all in response to an AAAA query,
    go on and ask for A records anyway.

Daniel Stenberg (31 Jan 2009)
- - ares_gethostbyname() now accepts 'AF_UNSPEC' as a family for resolving
  either AF_INET6 or AF_INET. It works by accepting any of the looksups in the
  hosts file, and it resolves the AAAA field with a fallback to A.

Gisle Vanem (18 Jan 2009)
- fopen() returns error in 'errno' even on Windows.
  So don't use ERRNO (GetLastError()). Trimmed trailing
  blanks.

- Constified some arguments in local functions.

Daniel Stenberg (14 Jan 2009)
- - ares.h no longer uses the HAVE_STRUCT_IN6_ADDR define check, but instead it
  now declares the private struct ares_in6_addr for all systems instead of
  relying on one possibly not present in the system.

Phil Blundell (13 Jan 2009)
- - ares__send_query() now varies the retry timeout pseudo-randomly to avoid
  packet storms when several queries were started at the same time.

Daniel Stenberg (11 Jan 2009)
- - Phil Blundell added the internal function ares__expand_name_for_response()
  that is now used by the ares_parse_*_reply() functions instead of the
  ares_expand_name() simply to easier return ARES_EBADRESP for the cases where
  the name expansion fails as in responses that really isn't expected.

Gunter Knauf (30 Dec 2008)
- added HAVE_SOCKADDR_IN6_SIN6_SCOPE_ID to ares Makefile.netware and sync'd with other
  Makefile.netware.

Daniel Stenberg (9 Dec 2008)
- use the new URL

- start over on the 1.6.1 release...

Version 1.6.0 (9 Dec 2008)
Daniel Stenberg (9 Dec 2008)
- add space

Gisle Vanem (9 Dec 2008)
- Fix for Win32 targets using Watt-32.

Dan Fandrich (9 Dec 2008)
- C89 compilers (like Minix' ACK) only need to handle 31 functions arguments
  so split a long sprintf into two calls to get below that number.

Gisle Vanem (8 Dec 2008)
- Added needed defines for Watt-32 on Windows.
  - Undefine 'optarg', 'optind' and 'opterr' when using Watt-32
    (to get correct linkage on Windows).
  - ares_writev() shall not be exported when using Watt-32 (has writev).
    Added _USE_32BIT_TIME_T to avoid runtime warning. Applies to
    VC-2008+ only.
  - Removed unneeded defines HAVE_SIGNAL_H, HAVE_SIG_ATOMIC_T,
    RETSIGTYPE and HAVE_PROCESS_H.

Daniel Stenberg (4 Dec 2008)
- the initial version of the ares_set_socket_callback man page
  - Gregor Jasny provided the patch that introduces ares_set_socket_callback(),
    and I edited it to also get duped by ares_dup().

Dan Fandrich (4 Dec 2008)
- Bring the sys/include.h include test in line with curl's.

Daniel Stenberg (3 Dec 2008)
- Let's not call ares_save_options() deprecated just yet
  - Introduce ares_dup(3) and new thoughts about API/ABI and how to move forwards.
    Also discussed on the ml.

Dan Fandrich (2 Dec 2008)
- Make sure sys/socket.h is included before netinet/in.h (required by
  OpenWatcom C, and condoned by SUS)

Daniel Stenberg (1 Dec 2008)
- minor indent fix
  - Convert the public config struct to the same binary size/construct as in the
    latest releases to remain ABI compatible.
Gisle Vanem (29 Nov 2008)
- Added '-DHAVE_GETHOSTNAME'.

Dan Fandrich (29 Nov 2008)
- Make sure sys/socket.h is included before netinet/in.h (required by OpenWatcom C)

- Netware has gethostname()

- Fixed a couple of typos

- Don't tweak the HAVE_* macros when using autoconf

- Make use of gethostname() conditional on it being available

- Only set TCP_NODELAY when it exists

Daniel Stenberg (28 Nov 2008)
- updated with changes, preparing for a release soon

Yang Tse (26 Nov 2008)
- Gerald Combs fixed a bug in ares_parse_ptr_reply() which would cause a buffer to shrink instead of expand if a reply contained 8 or more records.

- Brad Spencer provided changes to allow buildconf to work on OS X.

- In preparation for the upcoming IPv6 nameservers patch, the internal ares_addr union is now changed into an internal struct which also holds the address family.

Dan Fandrich (20 Nov 2008)
- Make checking for struct ifreq a prerequisite for setting HAVE_IOCTL_SIOCGIFADDR since it's needed to use SIOCGIFADDR and Watcom C doesn't currently define it.

Daniel Stenberg (20 Nov 2008)
- use unsigned short better instead of mixing with ints to prevent compiler warnings

- please the picky compilers by staying with short as the data we get is short only

- Brad Spencer brought the new function ares_gethostbyname_file() which simply resolves a host name from the given file, using the regular hosts syntax.

Yang Tse (19 Nov 2008)
- user provided PATH_SEPARATOR always overrides auto-detected one
- attempting to keep lines below 80 chars

- provide a common PATH_SEPARATOR check method which is required by
upcoming work to support the broadest range of Autoconf versions

- check for gethostbyaddr and gethostbyname as it is done for other functions

- Make configure script check if ioctl with the SIOCGIFADDR command can be
used, and define HAVE_IOCTL_SIOCGIFADDR if appropriate.

- fix leftover from previous commit

- fix inet_pton() runtime configure check

- trim down configure script size

Daniel Stenberg (15 Nov 2008)
- Fixed an OOM condition reported by Jim Meyering

Yang Tse (14 Nov 2008)
- fix typo affecting inclusion of <arpa/inet.h> in configure
  checks for inet_ntoa_r() inet_ntop() and inet_pton()

- #include <string.h> in the getaddrinfo() runtime check for the memset() prototype

- fix symbol definition check for fcntl.h inclusion

- Refactor configure script detection of functions used to set sockets into
  non-blocking mode, and decouple function detection from function capability.

Daniel Stenberg (1 Nov 2008)
- Added a TODO file to list things we want changed, added or fixed.

- - Carlo Contavalli added support for the glibc “rotate” option, as documented
  in man resolv.conf:

  causes round robin selection of nameservers from among those listed. This
  has the effect of spreading the query load among all listed servers, rather
  than having all clients try the first listed server first every time.

  You can enable it with ARES_OPT_ROTATE

Yang Tse (1 Nov 2008)
- Adjust WIN32 freeaddrinfo, getaddrinfo and getnameinfo availability

- WIN32 availability of freeaddrinfo, getaddrinfo and getnameinfo functions is quite
  convoluted, compiler dependant and in some cases even build target dependat.
- check for freeaddrinfo() at configuration phase

- update aclocal file serial number

- remove verification of the freeability of the addrinfo struct pointer members

- fix comment

- make CHECK_FUNC_GETADDRINFO_UNFREEABLE_AI_ADDR and CHECK_FUNC_GETADDRINFO_UNFREEABLE_AI_CANONNAME internal to CHECK_FUNC_GETADDRINFO

- fix leftover

- Initial attempt to detect at configuration time if the getaddrinfo() function returns an addrinfo with an unfreeable ai_canonname member ptr.

- Initial attempt to detect at configuration time if the getaddrinfo() function returns an addrinfo with an unfreeable ai_addr member ptr.

- icc adjustments:
  
  Select ANSI C89 dialect plus GNU extensions, again.

- some more temporary magic for the icc seg-fault issue

- icc permanent adjustment:
  
  Select precise floating-point model, otherwise doubles are less than 64-bit wide

icc test adjustment:

Select c89 dialect

- icc adjustments:

  Enable more icc warnings.

  Optimization disabling options used only for icc 9.1

- #include <stdlib.h> for exit() prototype

- some more temporary magic for the icc seg-fault issue

- remove from configure.ac temporary magic for the icc seg-fault issue

- some more temporary magic for the icc seg-fault issue
- Charles Hardin patch:

- handles the EINPROGRESS for UDP connects
- uses closesocket instead of close on some paths that were noticed

- some more temporary magic for the icc seg-fault issue

- messages initially intended only for debug purposes, now become permanent since these are extremely useful when compiler rejects a set of options.

- fix compiler warning

- fix missing double-quotes

Daniel Stenberg (17 Oct 2008)
- Charles Hardin made adig support a regular numerical dotted IP address for the -s option as well.

Yang Tse (16 Oct 2008)
- some more temporary magic for the icc seg-fault issue

- Ensure that shell variable contents which have active meaning to the shell echo command are not interpreted when trying to remove extra whitespace from shell variable content.

- Adjust Watcom C warnings:

  Disable warnings on structure members padding.

- With this change Solaris target builds will now be done with _REENTRANT defined.

- Adjust Tiny C basic options:

  Remove -b from debug-enabled configuration, as Tiny C might have been built without the memory and bounds checker support.

- Adjust GCC warnings:

  Better disable following warnings when cross-compiling with a gcc older than 3.0, to avoid warnings from third party system headers:

  -Wmissing-declarations
  -Wmissing-prototypes
  -Wunused
  -Wshadow

- fix syntax error
- Initial attempt to detect Watcom C compiler

- make naming scheme more consistent across whole file

- Adjust GCC warnings:

  Disable following warnings when cross-compiling with a gcc older than 3.0, to avoid warnings from third party system headers:

  -Wmissing-prototypes
  -Wunused
  -Wshadow

- Adjust GCC --enable-warnings:

  Do not enable -pedantic when cross-compiling with a gcc older than 3.0, to avoid warnings from third party system headers.

- adjust SGI MIPSpro C detection

- LCC compiler adjustments:

  Highest warning level is double -A, next is single -A. Due to the big number of warnings these trigger on third party header files it is impractical for us to use any of them here. If you want them simply define it in CPPFLAGS.

- remove extra space

- split SGI compiler check. One for MIPS C and another for MIPSpro C

- LCC compiler adjustments:

  Warning level reduced from double -A to single -A

- Initial attempt to detect Tiny C compiler

- Initial attempt to detect LCC compiler

- 1) fix bug in CONVERT_INCLUDE_TO_ISYSTEM

  2) Disable SGI remark: controlling expression is constant

- simplify SGI C compiler check

- HP C adjustments:
Due to the HP-UX socklen_t issue it is insane to use the +w1 warning level. It generates more than 1100 warnings on socklen_t related statements.

Until the issue is somehow fixed we will just use the +w2 warning level.

- Add debug tracing for COMPILER_WORKSIFDEFELSE
- configure will also warn on 'strict compiler warning' rejected options
- convert rejected compiler options messages into a warnings
- remove extra whitespace from string in SGI C check
- oops
- Initial attempt to detect SGI C compiler

- HP C adjustments:

  Disallow run-time dereferencing of null pointers.

  Disable some remarks:

  #4227: padding struct with n bytes to align member.

  #4255: padding size of struct with n bytes to alignment boundary.

- improve presentation of accepted/rejected debug/optimizer options

- refactoring of COMPILER_BASIC_OPTS

- Initial attempt to detect SUN C compiler

- Initial attempt to detect HP C compiler

- fix compiler warning: 'dot_4' may be used uninitialized in this function

- adjust ICC_windows settings

- fix VAR_STRIP

- Sync up with reality

- Initial attempt to support configure's --(dis|en)able-optimize option to specify dis(activation) of compiler optimizations.

If option is specified, it will be honored independant of the --(dis|en)able-debug option.
- fix comment

- Initial attempt to support configure’s --(dis|en)able-warnings option to specify dis(activation) of picky compiler warnings.

  If option is specified, it will be honored independant of the --(dis|en)able-debug option.

  If option is not specified, it will follow --(dis|en)able-debug setting, whose default is disabled if not specified.

- fix compiler warning: dereferencing type-punned pointer will break strict-aliasing rules

- now compiler warnings are activated for all gcc builds, not only debug ones.

- Use CFLAGS for icc linker options instead of LDFLAGS, otherwise gethostbyname() is not detected.

- use ac_cv_compiler and ac_cv_compiler_num to keep compiler ID and version number

- Temporary icc adjustment:

  Disable floating point optimizations

- HAVE_INET_PTON will only be defined when an IPv6 capable working inet_pton function is available.

- HAVE_INET_NTOP will only be defined when an IPv6 capable working inet_ntop function is available.

- ntoa() and inet_ntoa_r() no longer used

- icc adjustments for icc 9.0 and prior versions:

  Disable remark #279: controlling expression is constant

  Remark triggered mostly on va_arg() and FD_ZERO() macros.

- attempt to make work the gethostname function check for winsock build target configurations

Gisle Vanem (21 Sep 2008)
- Added HAVE_NETDB_H, HAVE_ARPA_INET_H, HAVE_STRCASECMP and HAVE_STRNCASECMP.

Yang Tse (19 Sep 2008)
- icc adjustments:
Disable remark #981: operands are evaluated in unspecified order

Function calls which are triggering this remark, today, do not depend on the order of evaluation of its arguments.

Disable remark #1469: "cc” clobber ignored

Remark triggered on htons() and ntohs() due to glibc header files.

- icc adjustments

- fix netdb.h prerequisite inclusion

- improve detection of getservbyport_r()

- On Linux Intel's icc uses gcc's header files, so we select ANSI C89 dialect plus GNU extensions.

- improve detection of gethostname()

- NetWare builds include "nameser.h" from the c-ares subdir

- include <strings.h>

- Sync up with reality

- adjust inclusion of "nameser.h"

- reorder some lines in file

- code cleanup

- NetWare seems to have writev()

- rearrange to allow internal/private use of ares_writev to any system that lacks the writev function.

- NetWare CLIB target has strcmp() and strnicmp()

- include header file only when available

- rearrange to allow internal/private use of ares_strcasecmp to any system that lacks the strcasecmp function.

- improve detection of:
  strcasecmp()
  strcmpi()
stricmp()  
strncasecmp()  
strncmpi()  
strnicmp()  

- *** empty log message ***

Gisle Vanem (12 Sep 2008)  
- djgpp does have strdup().

Yang Tse (12 Sep 2008)  
- change CRLF into LF line endings

- strdup() clone for systems/configurations which lack it

- move inclusion of ares_private.h last

- icc adjustments

- icc adjustments

- Select strict ANSI C89 conformance for icc

- remove unnecessary typecasting of malloc()

- remove unnecessary typecasting of realloc()

Daniel Stenberg (29 Aug 2008)  
- we start over working towards 1.5.4

Version 1.5.3 (29 Aug 2008)

Daniel Stenberg (29 Aug 2008)  
- Version 1.5.3

- added the three people from RELEASE-NOTES and sorted the list alphabetically

Yang Tse (27 Aug 2008)  
- Don't abort configuration if recvfrom() is not available.

- Functionality only possible if recvfrom() is available.

- George Neill's fix acountry sample application compilation failure.

- Brad House's validation that DNS response address matches the request address

- fix the output name
- Get rid of ENABLE_64BIT symbol definition and usage.

Improve HAVE_LONGLONG symbol description.

- Export 'ares_process_fd' too.

Gisle Vanem (16 Aug 2008)
- Ops, remove 'use_vc'.

- Support Watt-32 under Win32.

Yang Tse (10 Aug 2008)
- Fix: Remove now this SIZEOF_CURL_OFF_T symbol definition.

This should have been done with the initial 64-bit curl_off_t patch.

- Improve CURL_CHECK_DEF

- Fix IBM C and DEC/Compaq C compiler detection

- Initial support of curlbuild.h and curlrules.h which allows
to have a curl_off_t data type no longer gated to off_t.

- The minimum autoconf version required for this file is 2.50

Avoid dot notation in aclocal serial file number, use a single number now.

Daniel Stenberg (4 Aug 2008)
- Fix by Tofu Linden:

The symptom:
* Users (usually, but not always) on 2-Wire routers and the Comcast service
and a wired connection to their router would find that the second and
subsequent DNS lookups from fresh processes using c-ares to resolve the same
address would cause the process to never see a reply (it keeps polling for
around 1m15s before giving up).

The repro:
* On such a machine (and yeah, it took us a lot of QA to find the systems
that reproduce such a specific problem!), do 'ahost www.secondlife.com',
then do it again. The first process's lookup will work, subsequent lookups
will time-out and fail.

The cause:
* init_id_key() was calling randomize_key() *before* it initialized
key->state, meaning that the randomness generated by randomize_key() is
immediately overwritten with deterministic values. (/dev/urandom was also
being read incorrectly in the c-ares version we were using, but this was
* This makes the stream of generated query-IDs from any new c-ares process be an identical and predictable sequence of IDs.
* This makes the 2-Wire's default built-in DNS server detect these queries as probable-duplicates and (erroneously) not respond at all.

Yang Tse (4 Aug 2008)
- Autoconf 2.62 has changed the behaviour of the AC_AIX macro which we use. Prior versions of autoconf defined _ALL_SOURCE if _AIX was defined. But, autoconf 2.62 version of AC_AIX defines _ALL_SOURCE along with other four preprocessor symbols no matter if the system is AIX or not. To keep the traditional behaviour, as well as an uniform one, across autoconf versions AC_AIX is replaced with our own internal macro.

- Adjust DEC/Compaq C compiler settings.

- Another AC_TRY_LINK conversion to AC_LINK_IFELSE.
  Proper definition of HAVE_function if function is found deeper.

- Sync up with reality

- Rename reentrant.m4 to avoid filename clash.

- Add file version serial number that might be used by 'aclocal' and others.

  Keep the '#' character as the first one on the line.

- Update copyright year.

- Sync comment with reality.

- Reinstate the 'aclocal -I m4' in buildconf and 'ACLOCAL_AMFLAGS = -I m4' way of including our local m4/reentrant.m4 file. This even takes care of including the file in the distribution tarball.

- Add quoting for the AC_DEFINE arguments.

- Also remove the whitespace.

- Also remove the extra quoting.

- Replace some '@%:@' quadigraphs by its actual representation '#'.

  This quadigraph used before a C preprocessor 'define' directive could be fooling M4, when processing this file, and make it think that the line contains a pure M4 'define' macro.

- Tests done using 'aclocal -I m4' in buildconf and 'ACLOCAL_AMFLAGS = -I m4
in top Makefile.am triggered a problem that prevented aclocal from running successfully on SunOS 5.10 with GNU m4 1.4.5 and GNU Autoconf 2.61

A tarball which reproduces mentioned problem is the one dated July-28-2008
http://cool.haxx.se/curl-daily/curl-7.19.0-20080728.tar.gz

We actually don't need all the bells and whistles that the above mechanism provides. We only need to include our m4/reentrant.m4 file in acincludem4 so here we go with this simpler mechanism.

- for debugging purposes show ACLOCAL_FLAGS

- These lines were unintentionally removed in previous commit

- Partially undo change that prevented SED, GREP, EGREP and AR from being changed by libtool or autoconf.

- Assert that SED and GREP are set

- Require autoconf 2.57 or newer

- When calling aclocal, user defined ACLOCAL_FLAGS will now precede ours.

- move ACLOCAL_AMFLAGS after AUTOMAKE_OPTIONS

- setup.h handles definition of _REENTRANT based on NEED_REENTRANT definition which might be defined in config.h or config-*.h files

- Remove explicit inclusion of our m4 files first. It was interesting as a test, but it breaks aclocal execution on some systems, with the following error:

Can't locate object method "rel2abs" via package "File::Spec" at /usr/local/bin/aclocal line 256.

- Another step towards detecting if _REENTRANT is already defined or actually needed, and being able to define it if appropriate for further configure tests as well as for the generated config file.

- Explicitly include our m4 files first. This might minimize the impact that other package's underquoted m4 function definitions have on ours.

- Add a 3 argument check for getprotobynamelocal

- move reentrant.m4 to the m4 subdirectory to avoid infinite loop inclusion problem

- add checks for strtok_r and getprotobynamelocal

- Another step towards detecting if _REENTRANT is already defined or actually needed, and being able to define it if appropriate for further configure tests as well as for the generated config file.
Introduced reentrant.m4 intended for our reentrant related autotools/m4 macros.

- reorder argument number detection for getservbyport_r to actually verify if the test is properly working

- Make sure that configure process tests are done with the same _REENTRANT setting as the one actually used when finally building the library.

- Change recvfrom's sixth argument data type to the 'historically standard' 'int' data type for systems where this sixth argument is prototyped as a void pointer.

Start of thread: http://curl.haxx.se/mail/lib-2008-07/0153.html

- use prototypes to improve getservbyport_r detection

- Adjust recvfrom's sixth arg data type definition for NetWare (LIBC)

- Use the sreadfrom() wrapper to replace recvfrom() in our code.

- when recvfrom prototype uses a void pointer for arguments 2, 5 or 6 this will now cause the definition of RECVFROM_TYPE_ARG2_IS_VOID, RECVFROM_TYPE_ARG5_IS_VOID or RECVFROM_TYPE_ARG6_IS_VOID, as appropriate.

- Adjust DEC/Compaq C compiler settings

- Added "pointer to void" as another data type to check for the sixth argument of function recvfrom as a result of the info additionally logged when running on a Solaris system.

The compiler error showed that the prototype being used on Solaris was the one declared in line 427 of "/usr/include/sys/socket.h" as:

function(int,  
    pointer to void,  
    unsigned int,  
    int,  
    pointer to struct sockaddr,  
    pointer to void) returning int

- Adjust DEC/Compaq C compiler settings

- RECVFROM_TYPE_ARG2, RECVFROM_TYPE_ARG5 and RECVFROM_TYPE_ARG6 are now defined to the data type pointed by its respective argument and not the pointer type.

- Configure process now checks availability of recvfrom() socket function and finds out its return type and the types of its arguments. Added definitions for non-configure systems config files, and introduced macro sreadfrom which
will be used on udp sockets as a recvfrom() wrapper.

- Initial DEC/Compaq C compiler detection and flags

- Improved configure detection of number of arguments for getservbyport_r

- Allow --enable-largefile and --disable-largefile configurations. Configure process no longer needs nor checks size of curl_off_t. Library will now be built with _REENTRANT symbol defined.

- fix compiler warning

- since Jun 30 2008 MAXHOSTNAMELEN define is no longer used

- fix c-ares version reported in generated libcares.pc file when building from CVS tree.

- egrep and ar are also mandatory

Daniel Stenberg (3 Jul 2008)
- just to clarify that c-ares actually have some ipv6 support

- ares_gethostbyname() fallback from AAA to A records with CNAME present

- Phil Blundell: If you ask ares_gethostbyname() to do an AF_INET6 lookup and the target host has only A records, it automatically falls back to an AF_INET lookup and gives you the A results. However, if the target host has a CNAME record, this behaviour is defeated since the original query does return some data even though ares_parse_aaa_reply() doesn't consider it relevant. Here's a small patch to make it behave the same with and without the CNAME.

Yang Tse (2 Jul 2008)
- The configure process will now halt when sed or grep are unavailable

- fallback to gettimeofday when monotonic clock is unavailable at run-time

- IBM C/C++ compiler predefined macro check

- set earlier in configure process IBM compilers optimization flags

- make check message wording more precise

Daniel Stenberg (30 Jun 2008)
- As was pointed out to me by Andreas Schuldei, the MAXHOSTNAMELEN define is not posix or anything and thus c-ares failed to build on hurd (and possibly elsewhere). The define was also somewhat artificially used in the windows port. Now, I instead rewrote the use of gethostbyname to enlarge the host
name buffer in case of need and totally avoid the use of the MAXHOSTNAMELEN define. I thus also removed the define from the namser.h file where it was once added for the windows build.

I also fixed init_by_defaults() function to not leak memory in case if error.

Yang Tse (29 Jun 2008)
- fix C style comment

- John Lightsey filed bug report #1999181: "CLOCK_MONOTONIC always fails on some systems" (http://curl.haxx.se/bug/view.cgi?id=1999181). The problem was that the configure script did not use the _POSIX_MONOTONIC_CLOCK feature test macro when checking monotonic clock availability. This is now fixed and the monotonic clock will not be used unless the feature test macro is defined with a value greater than zero indicating always supported.

- Modified configuration script to actually verify if the compiler is good enough at detecting compilation errors or at least it has been properly configured to do so. Configuration heavily depends on this capability, so if this compiler sanity check fails the configuration process will now fail.

- No longer break out of a shell "for" statement from inside AC_FOO_IFELSE macros, otherwise temp files are not removed.

Indentation adjustment.

Gunter Knauf (11 Jun 2008)
- enable additional CFLAGS from commandline.

Yang Tse (9 Jun 2008)
- fix pkg-config reporting of private libraries needed for static linking

- MSVC does build Windows native targets

- Brad House fixed a missing header file inclusion in adig sample program

Daniel Stenberg (29 May 2008)
- start working on 1.5.3

Version 1.5.2 (29 May 2008)

Daniel Stenberg (29 May 2008)
- 1.5.2

Yang Tse (26 May 2008)
- fix compiler warning: unreferenced formal parameter
Daniel Stenberg (23 May 2008)
- list all local sources the (demo) tools need, add a few missing scripts to the dist tarball and remove a two duplicate file names from EXTRA_DIST (most of it pointed out by Yang Tse)

- this is not used (anymore)

- make sure the configure.ac file with the correct version number is shipped in the tarball

Yang Tse (22 May 2008)
- MSVC6+ clean-up targets must also remove acountry.exe

- sync with reality

- fix: [action-if-found] part of AC_CHECK_TYPE macro cannot be quoted when empty

- fix: remove need and definition of HAVE_SOCKLEN_T symbol

- fix: socklen_t definition comment

- update several macros using AC_TRY_LINK with AC_LINK_IFELSE

- fix underquoting of AC_LANG_PROGRAM arguments

- ifdef out private function ares__tdiff(), it is not in use yet.

- update several macros using AC_TRY_LINK with AC_LINK_IFELSE

- fix socklen_t equivalent detection when cross compiling Windows target

- if WINSOCK2 API is used link with 'ws2_32', else if WINSOCK API is used under WinCE link with 'winsock', else if WINSOCK API is used link with 'wsock32'.

- on winsock systems linking is done using library 'ws2_32' when winsock2.h is available, and library 'winsock' is used when only winsock.h is available.

- minor change for wince-egcc and wince-mingw32ce support

- millisecond resolution support followup

Gisle Vanem (15 May 2008)
- Replaced "-DHAVE_FIONBIO" with "-DHAVE_IOCTL_SOCKET". Added "-DHAVE_GETTIMEOFDAY". Trimmed lines.
Yang Tse (15 May 2008)
- sync with reality

- remove compilation time generated files

- use same time source for timeout initialization and processing

- Improve toolchain detection for WinCE cross compilation:

When cross compiling WinCE with the arm-wince-cegcc-gcc C compiler symbol __CEGCC__ is defined and the unix-like compatibility layer is used. For our purposes this is not a native Windows build.

When cross compiling WinCE with the arm-wince-mingw32ce-gcc C compiler symbol __MINGW32CE__ is defined and the unix-like compatibility layer is not used. For our purposes this _is_ a native Windows build.

- skip checks for Windows specific header files
  when build target is not a native Windows one

- WinCE cross compilation adjustments:

  HAVE_WINSOCK2_H shall not be defined.
  HAVE_WS2TCPPIP_H shall not be defined.

Daniel Stenberg (13 May 2008)
- - Introducing millisecond resolution support for the timeout option. See ares_init_options()'s ARES_OPT_TIMEOUTMS.

Yang Tse (13 May 2008)
- also ignore this

- also ignore this

- ignore this compilation time generated files

- don't keep in CVS this compilation time generated file

- add MSVC6 project for acountry sample program

- update MSVC6 projects to use the multithreaded DLL runtime library

- add MSVC6 project for acountry sample program

- skip libtool C++ preprocessor compiler and linker checks

- ignore libcares.pc
- configure script will now define HAVE_CLOCK_GETTIME_MONOTONIC symbol only when function clock_gettime() is available and the monotonic timer is also available. Otherwise, in some cases, librt or libposix4 could be used for linking even when finally not using the clock_gettime() function due to lack of the monotonic clock.

- fix syntax error: missing semicolon

- Add library checking for clock_gettime() support

- Use monotonic time source if available.

Daniel Stenberg (9 May 2008)
- Removed AC_PROG_CC_STDC again. It enforces C99/gnu99 standard which is too liberal for me. Also, autoconf 2.61 and earlier doesn't work with icc 10.1 for this macro. (2.62 confirmed to work though). See discussion on the mailing list starting here:

http://daniel.haxx.se/projects/c-ares/mail/c-ares-archive-2008-05/0001.shtml

- include strings.h (if available) for the strcasecmp() proto

- check for strings.h in configure and use it for the strcasecmp() proto

- adjusted to work with the updated configure.ac

- Sebastian made c-ares able to return all PTR-records when doing reverse lookups. It is not common practice to have multiple PTR-Records for a single IP, but it's perfectly legal and some sites have those.

- Doug Goldstein provided a configure patch: updates autoconf 2.13 usage to autoconf 2.57 usage (which is the version you have specified as the minimum version). It's a minor change but it does clean up some warnings with newer autoconf (specifically 2.62).

Yang Tse (5 May 2008)
- Improved parsing of resolver configuration files

- make previous compiler warning fix more portable

- fix compiler warning: indirection to slightly different base types

- fix compiler warning: local variable may be used without having been initialized

- fix compiler warning: unreferenced formal parameter

- fix compiler warning: assignment within conditional expression
Daniel Stenberg (4 Apr 2008)
- Alexey Simak fixed the VC dsp file by adding the missing source file
  ares_expand_string.c

- Alexey Simak made adig support NAPTR records

- Eino Tuominen improved the code when a file is used to seed the randomizer

Yang Tse (29 Feb 2008)
- Force AIX xlc to fail and not generate object code if the source code has
  compiled with errors. This behaviour is needed for autoconf macros which
  rely on the ability to compile with or without errors, and is safer than
  xlc's default of failing only upon severe errors.

Gunter Knauf (27 Feb 2008)
- added get_ver.awk since c-ares is a standalone project, and should therefore also compile when cURL is absent.

  - a couple of small fixes to the makefile:
    fixed comments; fixed INSTDIR define, simplified rules;
    changed to use get_ver.awk in current dir rather than the curl one.

  - fixed linker def file for tools when compiled with gcc/nlmconv.

  - added some files which were missing in release tarballs.

  - updated copyright for new year.

Gisle Vanem (2 Jan 2008)
- Added `-d' option for Watt-32 debugging.

Yang Tse (18 Dec 2007)
- MSVC 9.0 (VS2008) does not support Windows build targets prior to WinXP,
  and makes wrong asumptions of build target when it isn't specified. So,
  if no build target has been defined we will target WinXP when building
  with MSVC 9.0 (VS2008).

Daniel Stenberg (11 Dec 2007)
- build acountry too

Gisle Vanem (11 Dec 2007)
- Added acountry.c.

  - Added build of acountry.nlm.

  - Added build of acountry.exe.

  - Build acountry.exe. Added 'socklen_t' define.
- Another sample application that returns country-code and name from an IPv4-address or host-name. Using the service of countries.nerd.dk.

Daniel Stenberg (10 Dec 2007)
- grrr, the previous commit was meant to properly make sure that we don't link any executables when doing debug builds since they kind of assume symbols provided by libcurl, but it also wrongly included acountry.c

- when building

- build ahost and adig by default but don't install them

Gisle Vanem (10 Dec 2007)
- Fix for targets that do have 'struct in6_addr', but which doesn't define 's6_addr' as a macro.

Yang Tse (3 Dec 2007)
- Fix three issues previous cleanup introduces.

Daniel Stenberg (3 Dec 2007)
- Erik Kline cleaned up ares_gethostbyaddr.c::next_lookup() somewhat

- Brad Spencer fixed the configure script to assume that there's no /dev/urandom when built cross-compiled as then the script cannot check for it.

- the gethostbyname fix applied here as well

- fix next_lookup() to continue searching even if c-ares failed to load the /etc/hosts file, pointed out by Erik Kline:

- Remove the check for libcrl since that isn't actually used and it causes warnings. Pointed out by Robin Cornelius.

- pkgconfig fix by Andreas Schuldei

- spellfix

- and we start on 1.5.2!

Version 1.5.1 (21 Nov 2007)

Daniel Stenberg (21 Nov 2007)
- change
- oops

- start working on 1.5.1 now

Version 1.5.0 (21 Nov 2007)

Daniel Stenberg (21 Nov 2007)
- this is what 1.5.0 is

- fill in missing copyrights

Gunter Knauf (18 Nov 2007)
- removed now obsolete defines;
  updated external library versions to latest.

Steinar H. Gunderson (16 Nov 2007)
- Fix a double free.

Yang Tse (15 Nov 2007)
- Needed now that in6_addr is referenced in ares.h

Steinar H. Gunderson (15 Nov 2007)
- When looking up in DNS and then in the hosts file, return the error code from DNS if both fail, instead of returning the error code from the hosts file, as today. Patch from the Google tree.

- Return TTL data from ares_parse_{a,aaaa}_reply, if the user is so inclined. Patch from the Google tree.

Yang Tse (8 Nov 2007)
- Define WIN32 when build target is Win32 API.
  This also defines it for WinCE even though it is a subset of WIN32.

- The only libraries actually needed for sample programs adig and ahost are ws2_32.lib and advapi32.lib

- MSVC versions prior to VS2005 do not complain about portable C functions

- Windows build targets have socklen_t definition in ws2tcpip.h but some versions of ws2tcpip.h do not have the definition. It seems that when the socklen_t definition is missing from ws2tcpip.h the definition for INET_ADDRSTRLEN is also missing, and that when one definition is present the other one also is available.

Gunter Knauf (22 Oct 2007)
- removed dependency on gettimeofday() since we use only 1 sec resolution here.

Yang Tse (20 Oct 2007)
- Fix compiler warning: conversion from "int" to "unsigned short" may lose significant bits
- Fix message shown when detecting icc version

- Avoid shadowing a global declaration

- Renamed a variable to avoid shadowing a global declaration

- Renamed internal function to avoid a variable shadowing it

- Fix compiler warning: feupdateenv is not implemented and will always fail. Specifically for linux x86-64 with Intel's icc.

- Sync PLATFORM_AIX_V3 detection and CURL_CC_DEBUG_OPTS() icc warning level with libcurl's

- Fix compiler warning: conversion from "int" to "unsigned char" may lose significant bits

- actually sync with lib/setup_once.h

- sync with lib/setup_once.h

Steinar H. Gunderson (16 Oct 2007)
- Fix a bug where fallback from AF_INET6 to AF_INET would not work properly together with relative search; if you had a search path of .a.com and .b.com, and foo.a.com would return ARES_ENODATA and foo.b.com would return ARES_ENOTFOUND, the lookup would not properly retry with AF_INET as it forgot the first ARES_ENODATA.

Dan Fandrich (15 Oct 2007)
- Mention first version with CURLOPT_COPYPOSTFIELDS.
  Don't confuse NULL with NULL.

Gisle Vanem (8 Oct 2007)
- Added needed 'HAVE_*' defines.

- 'FD_CLOEXEC' is meaningless on MSDOS/Watt-32.

Steinar H. Gunderson (4 Oct 2007)
- Removed a piece of redundant code (process_answer already takes care of it).

- Another timeout fix in ares_getnameinfo().

- Send the timeout count in ares_getnameinfo().

- Moved the NULL check for channel upwards in ares_destroy().

- Clarified the comment over ares_cancel.

Yang Tse (2 Oct 2007)
- Avoid a segfault when generating a DNS “Transaction ID” in internal function init_id_key() under low memory conditions.

- Add ares_llist.c and ares_llist.h to MSCV project file.

Daniel Stenberg (2 Oct 2007)
- Fixed the problem where next_lookup would use ‘status’ uninitialized. Now it gets passed the initial value as an argument.

Yang Tse (2 Oct 2007)
- Avoid inline C99ism, and move c-ares routines for managing doubly-linked lists.

Daniel Stenberg (1 Oct 2007)
- ares_strerror() segfaulted if the input error number was out of the currently supported range.

- Prevent ares_strerror() from segfaulting if an invalid error code is passed in as argument!

Yang Tse (30 Sep 2007)
- Fix compiler warning

- check availability of <netinet/tcp.h>

- improve portability, defining MAXDNAME and MAXCDNAME

Steinar H. Gunderson (30 Sep 2007)
- Fix a memory leak that I recently inadvertently introduced.

- Use ISDIGIT instead of isdigit; fixes a gcc warning.

- Port the TCP socket fix made in ares_fds() to ares_getsock() as well.

- Previously, processing a large batch of timeouts was O(n^2) in the number of outstanding queries, and processing a DNS response packet was O(n) in the number of outstanding queries. To speed things up in Google, we added a few circular, doubly-linked lists of queries that are hash-bucketed based on the attributes we care about, so most important operations are now O(1).

It might be that the number of buckets are higher than most people would need, but on a quick calculation it should only be 100kB or so even on a 64-bit system, so I've let it stay as-is.

Gisle Vanem (29 Sep 2007)
- We should standardise on C comments.

- Fix compiler warning in setsockopt().
Steinar H. Gunderson (29 Sep 2007)
- TCP queries can time out too, not just UDP queries. (Patch from the Google tree.)
- Read and process as many packets as possible in read_udp_packets, to avoid having to run the entire event loop once per packet. (Patch from the Google tree.)
- There are two different places in write_tcp_data() that advance the send_queue; however, they are slightly different and only the first one properly uses a while loop. Consolidate both into a single function that DTTR. (Patch from the Google tree.)
- Reject names that are longer than 255 characters, to avoid problems with strict or buggy DNS server implementations. (Patch from the Google tree)
- In ares_mkquery, make sure we set buflen and buf to reasonable values if there's an error. (Patch from the Google tree)
- Be stricter about what's a valid IP address in fake_hostent. (Patch from the Google tree.)
- Handle the root of the DNS tree correctly in ares_expand_name.

Daniel Stenberg (28 Sep 2007)
- today's modifications by Steinar and me
- Bumped version to 1.5.0 for next release and soname bumped to 2 due to ABI and API changes in the progress callback (and possibly more coming up from Steinar)

Steinar H. Gunderson (28 Sep 2007)
- Unrevert previous 'missing' hunks. They were missing since the patch is still in for review :-)
- Yet more missing hunks... Nggh.
- Always register for TCP events even if there are no outstanding queries, as the other side could always close the connection, which is a valid event which should be responded to.
-Forgot to include a few hunks from ares_process.c earlier. Fixing now.
- Support a few more socket options, and refactor the option setting a bit. (Patch from the Google tree.)
- Make the query callbacks return the number of timeouts that happened during the execution of a query, and update documentation accordingly. (Patch from the Google tree.)
- Three fixes in one commit (sorry): a) Take care of the tcpbuf if it ends while queued for transmission, note broken servers and close them in the main loop, and store TCP socket generation number in order not to send the same query twice over the same socket.
- Don't skip a server if it's the only one. (Bugfix from the Google tree.)
Daniel Stenberg (27 Sep 2007)
- wrong, revert the previous “fix” and instead check that the fd_set pointer
  is non-NULL before we FD_CLR

- eek, fix the conditions to return on either problem instead of requiring
  both to occur

- Steinar H. Gunderson fixed: Correctly clear sockets from the fd_set on in
  several functions (write_tcp_data, read_tcp_data, read_udp_packets) so that
  if it fails and the socket is closed the following code doesn't try to use
  the file descriptor.

- Steinar H. Gunderson modified c-ares to now also do to DNS retries even when
  TCP is used since there are several edge cases where it still makes sense.

- Brad House provided a fix for ares_save_options(): Apparently I overlooked
  something with the ares_save_options() where it would try to do a malloc(0)
  when no options of that type needed to be saved. On most platforms, this was
  fine because malloc(0) doesn't actually return NULL, but on AIX it does, so
  ares_save_options would return ARES_ENOMEM.

- added initial pkg-config file (attempt)

Gunter Knauf (20 Jul 2007)
- added curl include for debug builds.

Daniel Stenberg (14 Jul 2007)
- added another SEE ALSO

- Brad House's fix to hish a win32 compiler warning

- added Vlad's entire description of his valgrind fix

- Vlad Dinulescu fixed two outstanding valgrind reports

Gunter Knauf (8 Jul 2007)
- added better CodeWarrior detection.

- removed some obsolete include paths and defines.

- add test for gettimeofday() so that HAVE_GETTIMEOFDAY gets defined.

- although the check for HAVE_STRUCT_TIMEVAL solved the redefine it is incorrect; lets see if a check for
  HAVE_GETTIMEOFDAY also works; if gettimeofday() is present then we can assume we have the timezone struct
  too.

- added check for sys/param.h.
- trial to catch problem with Daniels cross-mingw ares builds.

- added NetWare CLIB-own header to solve gcc warnings.

- few minor changes to make ares compile for NetWare CLIB architecture.

- changed to build for CLIB / LIBC.

- sync'd with lib makefile changes: use var for awk; fixed RECV* / SEND* defines; debug var can be overwritten; added better compiler path handling.

Daniel Stenberg (8 Jun 2007)
- start working on 1.4.1

Version 1.4.0 (8 Jun 2007)

Daniel Stenberg (8 Jun 2007)
- 1.4.0 preps

- the revert

- Revered Ashish Sharma's multiple entries patch, as it caused memory madness

- minor edit since getting an ID seems pointless when failure happens

- fix the bad bad bad mess this caused on name resolves returning more than one name... Reported by James Bursa

- Brad Spencer found and fixed three flaws in the code, found with the new gcc 4.2.0 warning: -Waddress

- Brad House fixed VS2005 compiler warnings due to time_t being 64bit. He also made recent Microsoft compilers use _strdup() instead of strdup().

- Ashish Sharma provided a patch for supporting multiple entries in the /etc/hosts file. Patch edited for coding style and functionality by me (Daniel).

Found in path(s):
* /opt/cola/permits/1138237725_1614277115.88/0/c-ares-1-10-0-orig-1-tar-gz/c-ares-1.10.0/CHANGES

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1.101 tre 1.1.14-r15
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1.102 go-syslog 1.0.0

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1.104 tools-ant 1.8.4

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David Megginson, david@megginson.com
2000-05-05

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These are some of the many people who have helped Ant become so successful.
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<first>Adam</first>
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* /opt/ws_local/PERMITS_SQL/1075319319_1596107019.07/0/spring-security-web-3-0-6-release-sources-1-jar/org/springframework/security/web/authentication/www/DigestAuthenticationFilter.java
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* /opt/ws_local/PERMITS_SQL/1075319319_1596107019.07/0/spring-security-web-3-0-6-release-sources-1-
  jar/org/springframework/security/web/util/ELRequestMatcher.java
* /opt/ws_local/PERMITS_SQL/1075319319_1596107019.07/0/spring-security-web-3-0-6-release-sources-1-
  jar/org/springframework/security/web/authentication/DelegatingAuthenticationEntryPoint.java
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* /opt/ws_local/PERMITS_SQL/1075319319_1596107019.07/0/spring-security-web-3-0-6-release-sources-1.jar/org/springframework/security/web/context/HttpSessionContextIntegrationFilter.java
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* /opt/ws_local/PERMITS_SQL/1075319319_1596107019.07/0/spring-security-web-3-0-6-release-sources-1.jar/org/springframework/security/web/access/channel/ChannelDecisionManagerImpl.java
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* /opt/ws_local/PERMITS_SQL/1075319319_1596107019.07/0/spring-security-web-3-0-6-release-sources-1.jar/org/springframework/security/web/authentication/AbstractAuthenticationProcessingFilter.java
* /opt/ws_local/PERMITS_SQL/1075319319_1596107019.07/0/spring-security-web-3-0-6-release-sources-1.jar/org/springframework/security/web/authentication/www/BasicAuthenticationFilter.java
* /opt/ws_local/PERMITS_SQL/1075319319_1596107019.07/0/spring-security-web-3-0-6-release-sources-1.jar/org/springframework/security/web/access/FilterChainProxy.java
* /opt/ws_local/PERMITS_SQL/1075319319_1596107019.07/0/spring-security-web-3-0-6-release-sources-1.jar/org/springframework/security/web/access/AccessDeniedHandlerImpl.java
* /opt/ws_local/PERMITS_SQL/1075319319_1596107019.07/0/spring-security-web-3-0-6-release-sources-1.jar/org/springframework/security/web/authentication/LoginUrlAuthenticationEntryPoint.java
1.111 kryo 1.01

1.111.1 Available under license:

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1.112 apk-tools 2.6.9-r0

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Free Software Foundation. See http://www.gnu.org/ for details. printf(PKG_VER_FMT " license:\n" BLOB_FMT "\n",

1.113 jetty-util 9.3.9.v20160517

1.114 curl 7.50.0-DEV
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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

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, jeptran,
rdjpgcom, and wrjpcom.
*.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
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 "rdipgcom" 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.

We are required to state that
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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 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...
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 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. 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 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.answers, and other groups. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: 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 with body

send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

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 PBMPLUS 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 PBMPLUS/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
================

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.
1.116 traceroute 2.0.21-1

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1.119 go-runewidth 0.0.4

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That's all there is to it!

1.125 linux-base 4.5ubuntu1.2~16.04.1

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1.130 jersey-server 2.17

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1.131 zlib 1.2.8

1.131.1 Available under license:

/* zlib.h -- interface of the 'zlib' general purpose compression library 
version 1.2.11, January 15th, 2017 

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

1.132 tdb 1.3.8 2
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1.133 atk 2.3.93
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1.134 jetty 9.3.9.v20160517

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* /opt/cola/permits/1016172112_1611566356.14/0/jetty-server-9-3-9-v20160517-sources-2-jar/org/eclipse/jetty/server/AsyncContextState.java
* /opt/cola/permits/1016172112_1611566356.14/0/jetty-server-9-3-9-v20160517-sources-2-jar/org/eclipse/jetty/server/nio/package-info.java
* /opt/cola/permits/1016172112_1611566356.14/0/jetty-server-9-3-9-v20160517-sources-2-jar/org/eclipse/jetty/server/session/AbstractSessionIdManager.java
* /opt/cola/permits/1016172112_1611566356.14/0/jetty-server-9-3-9-v20160517-sources-2-jar/org/eclipse/jetty/server/session/JDBCSessionIdManager.java
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* /opt/cola/permits/1016172112_1611566356.14/0/jetty-server-9-3-9-v20160517-sources-2.jar/org/eclipse/jetty/server/AbstractNetworkConnector.java
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* /opt/cola/permits/1016172112_1611566356.14/0/jetty-server-9.3-9-v20160517-sources-2.jar/org/eclipse/jetty/server/handler/AllowSymLinkAliasChecker.java

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/** Set the TCP/IP port used for CONFIDENTIAL and INTEGRAL redirections.
 * @param securePort the secure port to redirect to.
 */
/** Set the URI scheme used for CONFIDENTIAL and INTEGRAL redirections.
 * @param secureScheme A scheme string like "https"
 */

Found in path(s):

1.135 jetty-xml 9.3.9.v20160517

1.136 libxi 1.7.6-1
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* /opt/cola/permits/1138336827_1614279059.22/0/spring-boot-2-2-9-release-sources-1-jar/org/springframework/boot/diagnostics/analyzer/ValidationExceptionFailureAnalyzer.java
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* /opt/cola/permits/1138336827_1614279059.22/0/spring-boot-2-2-9-release-sources-1-jar/org/springframework/boot/context/properties/bind/handler/NoUnboundElementsBindHandler.java
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 */

/**
 * A [@link WebApplicationContext] that can be used to bootstrap itself from a contained
 * [@link ServletWebServerFactory] bean.
 * <p>
 * This context will create, initialize and run an [@link WebServer] by searching for a
 * single [@link ServletWebServerFactory] bean within the [@link ApplicationContext]
 * itself. The [@link ServletWebServerFactory] is free to use standard Spring concepts
 * (such as dependency injection, lifecycle callbacks and property placeholder variables).
 * <p>
 * In addition, any [@link Servlet] or [@link Filter] beans defined in the context will be
 * automatically registered with the web server. In the case of a single Servlet bean, the
 * "/" mapping will be used. If multiple Servlet beans are found then the lowercase bean
 * name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
 * always be mapped to "/". Filter beans will be mapped to all URLs (/*)
 * <p>
 * For more advanced configuration, the context can instead define beans that implement
* the `{@link ServletContextInitializer}` interface (most often
* `{@link ServletRegistrationBean}`s and/or `{@link FilterRegistrationBean}`s). To prevent
* double registration, the use of `{@link ServletContextInitializer}` beans will disable
* automatic Servlet and Filter bean registration.
* <p>
* Although this context can be used directly, most developers should consider using the
* `{@link AnnotationConfigServletWebServerApplicationContext}` or
* `{@link XmlServletWebServerApplicationContext}` variants.
* *
* @author Phillip Webb
* @author Dave Syer
* @author Scott Frederick
* @since 2.0.0
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
*/

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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DRuntime: Runtime Library for the D Programming Language

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Version 3.1, 31 March 2009

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1.144 apache-felix-configadmin 1.0.10

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1.145 spring-security-config 3.0.6.RELEASE

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1.146 libjpeg 8c

1.147 dpkg 1.18.4ubuntu1.6

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Source: https://savannah.gnu.org/projects/grep
git://git.savannah.gnu.org/grep.git

Files: *
2004, Stepan Kasal <kasal@ucw.cz>
2007, Tony Abou-Assaleh <taa@acm.org>
2009-2012, Jim Meyering <jim@meyering.net> and Paolo Bonzini <bonzini@gnu.org>
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jar/org/springframework/web/filter/CommonsRequestLoggingFilter.java
* /opt/cola/permits/1138376556_1614280882.42/0/spring-web-3-0-6-release-sources-3-
jar/org/springframework/web/filter/ServletContextRequestLoggingFilter.java
* /opt/cola/permits/1138376556_1614280882.42/0/spring-web-3-0-6-release-sources-3-
jar/org/springframework/remoting/httpinvoker/HttpInvokerRequestExecutor.java
* /opt/cola/permits/1138376556_1614280882.42/0/spring-web-3-0-6-release-sources-3-
jar/org/springframework/web/multipart/MaxUploadSizeExceededException.java
* /opt/cola/permits/1138376556_1614280882.42/0/spring-web-3-0-6-release-sources-3-
jar/org/springframework/web/context/support/ServletContextPropertyPlaceholderConfigurer.java
* /opt/cola/permits/1138376556_1614280882.42/0/spring-web-3-0-6-release-sources-3-
jar/org/springframework/remoting/httpinvoker/HttpInvokerClientConfiguration.java

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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
  jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/Java9SslUtils.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/OptionalSslHandler.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/Conscrypt.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/AbstractSniHandler.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/SSlCompletionEvent.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/Java9SslEngine.java

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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
  jar/io/netty/handler/ipfilter/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
  jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
  jar/io/netty/handler/ssl/OpenSslContext.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
  jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
  jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
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  jar/io/netty/handler/ssl/SniHandler.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
  jar/io/netty/handler/ssl/Java7SslParametersUtils.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-

jar/io/netty/handler/ssl/JdkSslClientContext.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
jar/io/netty/handler/ipfilter/IpFilterRule.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
jar/io/netty/handler/ssl/CipherSuiteFilter.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
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jar/io/netty/handler/ssl/JdkSslServerContext.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/SslContextBuilder.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/ClientAuth.java
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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
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* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/json/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/compression/Crc32.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/DecoderResultProvider.java
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A decoder that splits the received {@link ByteBuf}s dynamically by the value of the length field in the message. It is particularly useful when you decode a binary message which has an integer header field that represents the length of the message body or the whole message.

{@link LengthFieldBasedFrameDecoder} has many configuration parameters so that it can decode any message with a length field, which is often seen in proprietary client-server protocols. Here are some example that will give you the basic idea on which option does what.

<h3>2 bytes length field at offset 0, do not strip header</h3>

The value of the length field in this example is 12 (0x0C) which represents the length of "HELLO, WORLD". By default, the decoder assumes that the length field represents the number of the bytes that follows the length field. Therefore, it can be decoded with the simplistic parameter combination.

```
<pre>
 lengthFieldOffset   = 0
 lengthFieldLength   = 2
 lengthAdjustment    = 0
 initialBytesToStrip = 0 (= do not strip header)
</pre>
```

<h3>2 bytes length field at offset 0, strip header</h3>

Because we can get the length of the content by calling {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying `<tt>initialBytesToStrip</tt>`. In this example, we
* specified `<tt>2</tt>`, that is same with the length of the length field, to
* strip the first two bytes.
* `<pre>`
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* `<b>initialBytesToStrip</b>` = `<b>2</b>` (= the length of the Length field)
* `<pre>`
* * BEFORE DECODE (14 bytes) AFTER DECODE (12 bytes)
* +----------+----------------+ +----------+----------------+
* | Length | Actual Content | | Actual Content |
* | 0x000C | "HELLO, WORLD" | | "HELLO, WORLD" |
* +----------+----------------+ +----------+----------------+
* `<pre>`
* * `<h3>`2 bytes length field at offset 0, do not strip header, the length field
* represents the length of the whole message`<h3>`
* *
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
* length field represents the length of the whole message, including the
* message header. In such a case, we specify a non-zero
* `<tt>lengthAdjustment</tt>`. Because the length value in this example message
* is always greater than the body length by `<tt>2</tt>`, we specify `<tt>-2</tt>`
* as `<tt>lengthAdjustment</tt>` for compensation.
* `<pre>`
* lengthFieldOffset = 0
* lengthFieldLength = 2
* `<b>lengthAdjustment</b>` = `<b>-2</b>` (= the length of the Length field)
* initialBytesToStrip = 0
* `<pre>`
* * BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
* +----------+----------------+ +----------+----------------+
* | Length | Actual Content | | Length | Actual Content |
* | 0x000E | "HELLO, WORLD" | | 0x000E | "HELLO, WORLD" |
* +----------+----------------+ +----------+----------------+
* `<pre>`
* *
* `<h3>`3 bytes length field at the end of 5 bytes header, do not strip header`<h3>`
* *
* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. `<tt>lengthAdjustment</tt>` is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* `<pre>`
* `<b>lengthFieldOffset</b>` = `<b>2</b>` (= the length of Header 1)
* `<b>lengthFieldLength</b>` = `<b>3</b>`
* lengthAdjustment = 0
* initialBytesToStrip = 0

* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 | Length  | Actual Content |----->| Header 1 | Length  | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |      | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>

* This is an advanced example that shows the case where there is an extra
header between the length field and the message body. You have to specify a
positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
header into the frame length calculation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Length  | Header 1 | Actual Content |----->| Length  | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" |      | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>

* This is an advanced example that shows the case where there is an extra
header between the length field and the message body. You have to specify a
positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
header into the frame length calculation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Length  | Header 1 | Actual Content |----->| Header 1 | Length  | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |      | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>

* There are the prepended header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero <tt>initialBytesToStrip</tt> to strip the length field and the prepended header from the frame. If you don't want to strip the prepended header, you could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
*
* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +----------+----------+----------------+      +----------+----------------+
* | HDR1 | HDR2 | Actual Content |----->| HDR2 | Actual Content |
2 bytes length field at offset 1 in the middle of 4 bytes header,
strip the first header field and the length field, the length field
represents the length of the whole message.

Let's give another twist to the previous example. The only difference from
the previous example is that the length field represents the length of the
whole message instead of the message body, just like the third example.
We have to count the length of HDR1 and Length into \textit{lengthAdjustment}.
Please note that we don't need to take the length of HDR2 into account
because the length field already includes the whole header length.

\begin{verbatim}
lengthFieldOffset = 1
lengthFieldLength = 2
\end{verbatim}
\begin{verbatim}
\textbf{lengthAdjustment} = \textbf{-3} (= the length of HDR1 + LEN, negative)
\textbf{initialBytesToStrip} = \textbf{3}
\end{verbatim}

\begin{verbatim}
BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
 +-----------------------------------------------+      +-----------------------------------------------+
 | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
 | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
 +-----------------------------------------------+      +-----------------------------------------------+
\end{verbatim}

\@see LengthFieldPrepender

Found in path(s):

```
/opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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 */
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* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
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  * /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
  jar/io/netty/handler/codec/CharSequenceValueConverter.java
  * /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
  jar/io/netty/handler/codec/DefaultHeader.java
  * /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
  jar/io/netty/handler/codec/Header.java

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  * /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
  jar/io/netty/handler/codec/CharSequenceValueConverter.java
  * /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
  jar/io/netty/handler/codec/DefaultHeader.java
  * /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
  jar/io/netty/handler/codec/Header.java

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jar/io/netty/handler/codec/compression/Crc32c.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java

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* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/ProtobufEncoderNano.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/ProtobufEncoder.java

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* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/DefaultHeaders.java
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* Utility class for {link ByteBuf} that encodes and decodes to and from
* [Base64](http://en.wikipedia.org/wiki/Base64) notation.

* The encoding and decoding algorithm in this class has been derived from [Robert Harder's Public Domain Base64 Encoder/Decoder](http://iharder.sourceforge.net/current/java/base64/).

*/

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* `/opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/base64/Base64.java`

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1.161 libgcrypt 1.6.5

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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.

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

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1.163 gcc-defaults 5.3.1 1ubuntu1

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50. `textmate/r.tmbundle` ([https://github.com/textmate/r.tmbundle](https://github.com/textmate/r.tmbundle))
51. `textmate/ruby.tmbundle` ([https://github.com/textmate/ruby.tmbundle](https://github.com/textmate/ruby.tmbundle))
52. `textmate/shellscript.tmbundle` ([https://github.com/textmate/shellscript.tmbundle](https://github.com/textmate/shellscript.tmbundle))
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54. `textmate/yaml.tmbundle` ([https://github.com/textmate/yaml.tmbundle](https://github.com/textmate/yaml.tmbundle))
55. `TypeScript-TmLanguage` version 0.1.8 ([https://github.com/Microsoft/TypeScript-TmLanguage](https://github.com/Microsoft/TypeScript-TmLanguage))
56. `vscode-swift` version 0.0.1 ([https://github.com/owensd/vscode-swift](https://github.com/owensd/vscode-swift))

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atom/language-c

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@end subheading

@end page

@subheading END OF TERMS AND CONDITIONS

@page
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*/
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<stdio of Ty Coon>, 1 April 1990
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That's all there is to it!
This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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

http://sourceforge.net/projects/e2fsprogs

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

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

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

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

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

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB-pic_FLAG = -fpic
image:$(BSD_LIB)

$(BSD_LIB): $(OBJ)
(cd pic; ld -bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJ))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \`echo $(my_dir) | sed -e s;lib/;;"/$(BSD_LIB) $(BSD_LIB))

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

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

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

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Gadi Oxman, August 1995

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1.181 icu 55.1-7ubuntu0.5

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## -*-makefile-*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$CC -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$CCX -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 library options
LD_SOOPTIONS=-Wl,-Bsymbolic

## 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) $< \n| sed "s/(\$\*\*)/\1.o \$@ : /g\" > $@; \n[ -s $@ ] || rm -f $@"

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $"

@$(SHELL) -ec '$(GEN_DEPS.cc) $<
| sed '\"s/\([^\*]\)\.*\:*\:$[@\] /\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 \$\(+\F\).$\(SO\).$\(SO\\_TARGET\_VERSION\) $@

## Bind internal references

# LDflags that pkgdata will use
BIR\_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR\_DEPS=

## Remove shared library 's'
STATIC\_PREFIX\_WHEN\_USED =
STATIC\_PREFIX =

## End BSD-specific setup

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* /opt/ws_local/PERMITS_SQL/1070948633_1594788013.69/0/netty-resolver-4-1-25-final-sources-jar/io/netty/resolver/RoundRobinInetAddressResolver.java
* /opt/ws_local/PERMITS_SQL/1070948633_1594788013.69/0/netty-resolver-4-1-25-final-sources-jar/io/netty/resolver/SimpleNameResolver.java

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

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* /opt/ws_local/PERMITS_SQL/1070948633_1594788013.69/0/netty-resolver-4-1-25-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
1.183 attr 2.4.47-2

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This package was debianized by Nathan Scott nathans@debian.org on Sun, 19 Nov 2000 07:37:09 -0500.

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* /opt/cola/permits/1135864176_1613618002.1/0/jul-to-slf4j-1-7-30-sources-1-jar/org/slf4j/bridge/SLF4JBridgeHandler.java

1.185 xpp3-min 1.1.4c

1.186 p11-kit 0.23.2 5~ubuntu16.04.1

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
Mike Belshe (mbelshe@netscape.com)
Michael Campanella (campanella@stevms.enet.dec.com)

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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 (age@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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* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/tree/JumpInsnNode.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/tree/analysis/Value.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/FieldWriter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/tree/VarInsnNode.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/commons/StaticInitMerger.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/util/TraceClassVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/AnnotationVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/tree/InsnList.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/util/CheckSignatureAdapter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/util/TraceAnnotationVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb.asm/util/TraceAnnotationVisitor.java
jar/org/objectweb/asm/tree/FrameNode.java
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* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2.jar/org/objectweb/asm/util/ASMifierMethodVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2.jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2.jar/org/objectweb/asm/util/ASMifierAbstractVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2.jar/org/objectweb/asm/tree/MethodInsnNode.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2.jar/org/objectweb/asm/tree/analysis/Subroutine.java
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* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2.jar/org/objectweb/asm/util/ASMifierFieldVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2.jar/org/objectweb/asm/util/TraceAbstractVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2.jar/org/objectweb/asm/tree/LdcInsnNode.java
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* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2.jar/org/objectweb/asm/util/TraceMethodVisitor.java
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* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/BasicVerifier.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/util/AbstractVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
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* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/tree/lookup/RemappingAnnotationAdapter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/util/ASMifierAnnotationVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/ByteVector.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/commons/LocalVariablesSorter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/tree/AnnotationNode.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/commons/AnalyzerAdapter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/tree/SourceInterpreter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/tree/IntInsnNode.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/Attribute.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/Frame.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/ClassReader.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/tree/InstructionNode.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/MethodWriter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/Opcodes.java
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* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/xml/SAXClassAdapter.java
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* javax.servlet:javax.servlet-api
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Oracle OpenJDK

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* java.sun.security.ssl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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* java.sun.security.ssl

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* 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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* org.eclipse.jetty.toolchain:jetty-schemas

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This package was debianized by Henrique de Moraes Holschuh <hmh@debian.org> on Sun Jun 10 10:54:36 BRT 2012

It was downloaded from http://www.amd64.org/support/microcode.html up to version 20120910 (now: http://www.amd64.org/microcode.html). For version 20131007 onwards, it was built from the linux-firmware git repository at: https://git.kernel.org/pub/scm/linux/kernel/git/firmware/linux-firmware.git/

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1.212 dropwizard-logging 1.0.0

1.213 pax-web-jetty 2.1.6

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1.214 spdylay 1.39.2-r0

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1.215 gnutls 3.4.10-4ubuntu1.7

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1.218 jsp 2.3.FR

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 * $Revision: 1.2 $
 * $Date: 2000/01/21 14:54:54 $
 * 
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package org.apache.jasper.compiler;

import java.io.BufferedInputStream;
import java.io.OutputStream;
import java.io.IOException;

/**
 * A Plug-in class for specifying a 'jikes' compile.
 *
 * @author Jeffrey Chiu
 */
public class JikesJavaCompiler implements JavaCompiler {

static final int OUTPUT_BUFFER_SIZE = 1024;
static final int BUFFER_SIZE = 512;

String encoding;
String classpath;
String compilerPath = "jikes";
String outdir;
OutputStream out = System.out;

/**
 * Specify where the compiler can be found
 */
public void setCompilerPath(String compilerPath) {
    this.compilerPath = compilerPath;
}

/**
 * Set the encoding (character set) of the source
 */
public void setEncoding(String encoding) {
    this.encoding = encoding;
}

/**
 * Set the class path for the compiler
 */
public void setClasspath(String classpath) {
    this.classpath = classpath;
}
/**
 * Set the output directory
 */
public void setOutputDir(String outdir) {
    this.outdir = outdir;
}

/**
 * Set where you want the compiler output (messages) to go
 */
public void setMsgOutput(OutputStream out) {
    //this.out = out;
}

/**
 * Execute the compiler
 *
 * @param source - file name of the source to be compiled
 */
public boolean compile(String source) {
    Process p;
    int exitValue = -1;

    String[] compilerCmd = new String[] {
        compilerPath,
        //XXX - add encoding once Jikes supports it
        "-classpath", classpath,
        "-d", outdir,
        source
    };

    System.out.println(
        compilerPath +
        //XXX - add encoding once Jikes supports it
        " -classpath " + classpath +
        " -d " + outdir +
        source);

    try {
        p = Runtime.getRuntime().exec(compilerCmd);
        BufferedInputStream compilerErr = new
        BufferedInputStream(p.getErrorStream());
        BufferedInputStream compilerOut = new
        BufferedInputStream(p.getInputStream());

        StreamPumper errPumper = new StreamPumper(compilerErr);
    }
StreamPumper outPumper = new StreamPumper(compilerOut);

errPumper.start();
outPumper.start();

try {
// try grabbing exitValue first, if fails, then wait.
// (very fast compilation returns almost immediately)
exitValue = p.exitValue();
} catch (IllegalThreadStateException itse) {
p.waitFor();
exitValue = p.exitValue();
}

errPumper.gentleStop();
errPumper.cleanUp(); // deplete the stream.
outPumper.gentleStop();
outPumper.cleanUp(); // deplete the stream.

compilerErr.close();
compilerOut.close();
p.destroy();
} catch (IOException ioe) {
return false;
}

} catch (InterruptedException ie) {
return false;
}

return (exitValue==0);

// Inner class for continually pumping the input stream during
// Process's runtime.
class StreamPumper extends Thread {
BufferedInputStream stream;
boolean endOfStream = false;
boolean stopSignal = false;
int SLEEP_TIME = 5;

public StreamPumper(BufferedInputStream is) {
this.stream = is;
}

public void pumpStream() throws IOException {
}
byte[] buf = new byte[BUFFER_SIZE];
if (!endOfStream) {
    int bytesRead = stream.read(buf, 0, BUFFER_SIZE);
    if (bytesRead > 0) {
        out.write(buf, 0, bytesRead);
    } else if (bytesRead == -1)
        endOfStream = true;
}

public void run() {
    try {
        while (!endOfStream || stopSignal) {
            pumpStream();
            sleep(SLEEP_TIME);
        }
    } catch (InterruptedException ie) {
    } catch (IOException ioe) {
    }
}

// causes this thread to stop in a safe manner.
public void gentleStop() {
    stopSignal = true;
}

// makes sure the stream is depleted.
public void cleanUp() throws IOException {
    while (!endOfStream) {
        pumpStream();
    }
}

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/*
 * $Header: /home/cvs/jakarta-tomcat/src/share/org/apache/jasper/runtime/JspRuntimeLibrary.java,v 1.1.1.1 1999/10/09 00:20:40 duncan Exp $
 * $Revision: 1.1.1.1 $
 * $Date: 1999/10/09 00:20:40 $
 * 
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*====================================================================
package org.apache.jasper.runtime;

import java.io.IOException;
import java.util.Enumeration;
import java.lang.reflect.Method;
import java.io.Writer;
import java.io.Reader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.beans.PropertyDescriptor;
import java.beans.IndexedPropertyDescriptor;
import javax.servlet.ServletException;
import javax.servlet.ServletRequest;
import javax.servlet.ServletContext;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpSession;
import org.apache.jasper.JasperException;

/**
 * Bunch of util methods that are used by code generated for useBean,
 * getProperty and setProperty.
 *
 * The __begin, __end stuff is there so that the JSP engine can
 * actually parse this file and inline them if people don't want
 * runtime dependencies on this class. However, I'm not sure if that
 * works so well right now. It got forgotten at some point. -akv
 *
 * @author Mandar Raje
 */
public class JspRuntimeLibrary {

    // __begin convertMethod
    public static Object convert(String s, Class t) throws JasperException {

    
}
try {
    if (s == null) {
        if (t.equals(Boolean.class) || t.equals(Boolean.TYPE))
            s = "false";
        else
            return null;
    }

    if (t.equals(Boolean.class) || t.equals(Boolean.TYPE)) {
        if (s.equalsIgnoreCase("on"))
            s = "true";
        else
            s = "false";
        return new Boolean(s);
    } else if (t.equals(Byte.class) || t.equals(Byte.TYPE)) {
        return new Byte(s);
    } else if (t.equals(Character.class) || t.equals(Character.TYPE)) {
        return s.length() > 0 ? new Character(s.charAt(0)) : null;
    } else if (t.equals(Short.class) || t.equals(Short.TYPE)) {
        return new Short(s);
    } else if (t.equals(Integer.class) || t.equals(Integer.TYPE)) {
        return new Integer(s);
    } else if (t.equals(Float.class) || t.equals(Float.TYPE)) {
        return new Float(s);
    } else if (t.equals(Long.class) || t.equals(Long.TYPE)) {
        return new Long(s);
    } else if (t.equals(Double.class) || t.equals(Double.TYPE)) {
        return new Double(s);
    } else if (t.equals(String.class)) {
        return s;
    } else if (t.equals(java.io.File.class)) {
        return new java.io.File(s);
    }
}

} catch (Exception ex) {
    throw new JasperException(ex);
}

// __end convertMethod

// __begin introspectMethod
public static void introspect(Object bean, ServletRequest request)
    throws JasperException
{
    Enumeration e = request.getParameterNames();
    while (e.hasMoreElements()) {
        String name = (String) e.nextElement();
        String value = request.getParameter(name);
        // Call introspection logic here
    }
}
if ( value == null || value.equals(""))
continue;

introspecthelper(bean, name, value, request);
}
}
// __end introspectMethod

// __begin introspecthelperMethod
public static void introspecthelper(Object bean, String name,
String value, ServletRequest request)
throws JasperException
{
try {
java.lang.reflect.Method method = null;
Class type = null;
java.beans.BeanInfo info =
java.beans.Introspector.getBeanInfo(bean.getClass());
if ( info != null ) {
java.beans.PropertyDescriptor pd[] = info.getPropertyDescriptors();
for (int i = 0 ; i < pd.length ; i++) {
    if ( pd[i].getName().equals(name) ) {
method = pd[i].getWriteMethod();
type = pd[i].getPropertyType();
break;
}
}
if ( method != null ) {
if (type.isArray()) {
    Class t = type.getComponentType();
    String[] values = request.getParameterValues(name);
    if(t.equals(String.class)) {
method.invoke(bean, new Object[] { values });
    } else {
Object tmpval = null;
createTypedArray (bean, method, values, t);
    }
} else {
    Object oval = convert(value, type);
    if ( oval != null )
method.invoke(bean, new Object[] { oval });
    }
} catch (Exception ex) {
    throw new JasperException (ex);
}
// __end introspecthelperMethod

//-------------------------------------------------------------------
// functions to convert builtin Java data types to string.
//-------------------------------------------------------------------
// __begin toStringMethod
public static String toString(Object o) {
    return (o == null) ? "" : o.toString();
}

public static String toString(byte b) {
    return new Byte(b).toString();
}

public static String toString(boolean b) {
    return new Boolean(b).toString();
}

public static String toString(short s) {
    return new Short(s).toString();
}

public static String toString(int i) {
    return new Integer(i).toString();
}

public static String toString(float f) {
    return new Float(f).toString();
}

public static String toString(long l) {
    return new Long(l).toString();
}

public static String toString(double d) {
    return new Double(d).toString();
}

public static String toString(char c) {
    return new Character(c).toString();
}
// __end toStringMethod

/**
 * Create a typed array.
 * This is a special case where params are passed through
 * the request and the property is indexed.
public static void createTypedArray (Object bean, Method method, String [] values, Class t) throws JasperException {
try {
    if (t.equals(Integer.class)) {
        Integer [] tmpval = new Integer[values.length];
        for (int i = 0 ; i < values.length; i++)
            tmpval[i] = new Integer(values[i]);
        method.invoke (bean, new Object[] {tmpval});
    } else if (t.equals(Byte.class)) {
        Byte [] tmpval = new Byte[values.length];
        for (int i = 0 ; i < values.length; i++)
            tmpval[i] = new Byte(values[i]);
        method.invoke (bean, new Object[] {tmpval});
    } else if (t.equals(Boolean.class)) {
        Boolean [] tmpval = new Boolean[values.length];
        for (int i = 0 ; i < values.length; i++)
            tmpval[i] = new Boolean(values[i]);
        method.invoke (bean, new Object[] {tmpval});
    } else if (t.equals(Short.class)) {
        Short [] tmpval = new Short[values.length];
        for (int i = 0 ; i < values.length; i++)
            tmpval[i] = new Short(values[i]);
        method.invoke (bean, new Object[] {tmpval});
    } else if (t.equals(Long.class)) {
        Long [] tmpval = new Long[values.length];
        for (int i = 0 ; i < values.length; i++)
            tmpval[i] = new Long(values[i]);
        method.invoke (bean, new Object[] {tmpval});
    } else if (t.equals(Double.class)) {
        Double [] tmpval = new Double[values.length];
        for (int i = 0 ; i < values.length; i++)
            tmpval[i] = new Double(values[i]);
        method.invoke (bean, new Object[] {tmpval});
    } else if (t.equals(Float.class)) {
        Float [] tmpval = new Float[values.length];
        for (int i = 0 ; i < values.length; i++)
            tmpval[i] = new Float(values[i]);
        method.invoke (bean, new Object[] {tmpval});
    } else if (t.equals(Character.class)) {
        Character [] tmpval = new Character[values.length];
        for (int i = 0 ; i < values.length; i++)
            tmpval[i] = new Character(values[i].charAt(0));
        method.invoke (bean, new Object[] {tmpval});
    } else if (t.equals(int.class)) {
        int [] tmpval = new int[values.length];
        for (int i = 0 ; i < values.length; i++)
            tmpval[i] = Integer.parseInt(values[i]);
    }
}
method.invoke (bean, new Object[] {tmpval});

} else if (t.equals(byte.class)) {
byte[] tmpval = new byte[values.length];
for (int i = 0 ; i < values.length; i++)
    tmpval[i] = Byte.parseByte (values[i]);
method.invoke (bean, new Object[] {tmpval});

} else if (t.equals(boolean.class)) {
boolean[] tmpval = new boolean[values.length];
for (int i = 0 ; i < values.length; i++)
    tmpval[i] = Boolean.getBoolean (values[i]);
method.invoke (bean, new Object[] {tmpval});

} else if (t.equals(short.class)) {
short[] tmpval = new short[values.length];
for (int i = 0 ; i < values.length; i++)
    tmpval[i] = Short.parseShort (values[i]);
method.invoke (bean, new Object[] {tmpval});

} else if (t.equals(long.class)) {
long[] tmpval = new long[values.length];
for (int i = 0 ; i < values.length; i++)
    tmpval[i] = Long.parseLong (values[i]);
method.invoke (bean, new Object[] {tmpval});

} else if (t.equals(double.class)) {
double[] tmpval = new double[values.length];
for (int i = 0 ; i < values.length; i++)
    tmpval[i] = Double.valueOf(values[i]).doubleValue();
method.invoke (bean, new Object[] {tmpval});

} else if (t.equals(float.class)) {
float[] tmpval = new float[values.length];
for (int i = 0 ; i < values.length; i++)
    tmpval[i] = Float.valueOf(values[i]).floatValue();
method.invoke (bean, new Object[] {tmpval});

} else if (t.equals(char.class)) {
char[] tmpval = new char[values.length];
for (int i = 0 ; i < values.length; i++)
    tmpval[i] = values[i].charAt(0);
method.invoke (bean, new Object[] {tmpval});

}
}

} catch (Exception ex) {
    throw new JasperException ("error in invoking method");
}

/**
 * Escape special shell characters.
 * @param unescString The string to shell-escape
 * @return The escaped shell string.
 */
public static String escapeQueryString(String unescString) {
    if (unescString == null)
        return null;

    String escString = "";
    String shellSpChars = "\&;`'"\|*?~<>^()[]{}$\n";

    for (int index = 0; index < unescString.length(); index++) {
        char nextChar = unescString.charAt(index);

        if (shellSpChars.indexOf(nextChar) != -1)
            escString += '\';
        escString += nextChar;
    }
    return escString;
}

/**
 * Decode an URL formatted string.
 * @param s The string to decode.
 * @return The decoded string.
 */
public static String decode(String encoded) {
    // speedily leave if we're not needed
    if (encoded == null) return null;
    if (encoded.indexOf('%') == -1 && encoded.indexOf('+') == -1)
        return encoded;

    byte[] holdbuffer = new byte[encoded.length()];
    int bufcount = 0;

    for (int count = 0; count < encoded.length(); count++) {
        char cur = encoded.charAt(count);
        if (cur == '%') {
            holdbuffer[bufcount++] = (byte)Integer.parseInt(encoded.substring(count + 1, count + 3), 16);
            if (count + 2 >= encoded.length())
                count = encoded.length();
            else
                count += 2;
        } else if (cur == '+') {
}
holdbuffer[bufcount++] = (byte) ' '
} else {
    holdbuffer[bufcount++] = (byte) cur;
}

// REVISIT -- remedy for Deprecated warning.
//return new String(holdbuffer,0,0,bufcount);
return new String(holdbuffer,0,bufcount);

Found in path(s):
* /opt/cola/permits/1000875371_1608732776.92/0/jsp-jar/org/apache/jasper/runtime/JspRuntimeLibrary.java.old

1.219 golang-set 1.7.1
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------------------------------------------------------------------------------

tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.
Version: 1.1.2
Entered-date: 23MAR97
Description: C-functions for parsing command line options, both
   traditional one-character options, and GNU'ish
   --long-options.
Keywords: programming, library, lib, commandline, options
Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)
Primary-site: http://www.ifi.uio.no/~sverrehu/pub-unix/
Alternate-site: sunsite.unc.edu/pub/Linux/libs
shhopt-1.1.2.tar.gz
Platforms: Requires ANSI C-compiler.
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1.228 hk2-api 2.6.1

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1.232 python-pip 8.1.1 2ubuntu0.6

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*/opt/ws_local/PERMITS_SQL/1088629640_1599838045.45/0/metrics-caffeine-4-1-11-sources-jar/com/codahale/metrics/caffeine/MetricsStatsCounter.java

1.238 ops4j-base-lang 1.3.0

1.239 jackson 2.11.3

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1.240 parallel 20161222-1~ubuntu0.16.04.1

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1.241 ops4j-base-util-property 1.3.0

1.242 netty-transport-sctp 4.0.36.Final

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1.243 json-java 20131018

1.244 libgpg-error 1.21 2ubuntu1

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1.255 libsemanage 2.3 1build3

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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.

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.

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Found in path(s):
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/Proxy.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Visitor.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Member.java
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/LoaderClassPath.java
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/ArrayInit.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/Parser.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/util/proxy/DefineClassHelper.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/ Mnemonic.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewClass.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/SignatureAttribute.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtArray.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/convert/TransformNewClass.java
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/ParameterAnnotationsAttribute.java
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/BadBytecode.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/ClassPool.java
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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewWrappedMethod.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/analysis/Type.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/SyntheticAttribute.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/ObjectImporter.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/expr/ExprEditor.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ProceedHandler.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/ExceptionsAttribute.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/convert/TransformAccessArrayField.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
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*/opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/annotation/MemberValue.java
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1.269 jetty-http 9.4.30.v20200611

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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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Oracle OpenJDK

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* java.sun.security.ssl

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

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org.apache.taglibs:taglibs-standard-spec
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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
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Go support for Protocol Buffers - Google's data interchange format

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metrics from the pseudo-filesystem proc.

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1.272 jetty-annotations 8.1.10.v20130312

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[PCRE]

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Written by: Philip Hazel
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[ zlib ]

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version 1.2.3, July 18th, 2005

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jloup@gzip.org    madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for
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*/
[edoc, syntax_tools]

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1.297 activemq-openwire-legacy 5.9.0

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1.298 snake-yaml 1.25

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1.301 dropwizard-configuration 1.0.0

1.302 fuse 2.9.4-1ubuntu3.1

1.302.1 Available under license :

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

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Protocol Buffers for Go with Gadgets

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

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* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1.jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1.jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1.jar/io/netty/channel/AddressedEnvelope.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1.jar/io/netty/channel/AddressedEnvelope.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1.jar/io/netty/channel/ChannelProgressivePromise.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1.jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1.jar/io/netty/channel/ChannelProgressiveFuture.java

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* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/pool/ChannelPoolHandler.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/pool/ChannelPool.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/pool/ChannelPoolMap.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/pool/FixedChannelPool.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java
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* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/WriteBufferWaterMark.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/DefaultSelectStrategyFactory.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/SelectStrategy.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/ChannelOutboundInvoker.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/socket/DuplexChannel.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/PreferHeapByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/group/VoidChannelGroupFuture.java
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* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/bootstrap/AbstractBootstrapConfig.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/group/VoidChannelGroupFuture.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/bootstrap/ServerBootstrapConfig.java

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 */
/**
 * Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
 * its {@link ChannelPipeline}.  
 *
 * <h3>Sub-types</h3>
 * <p>
 * {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its
 * subtypes:
 * <ul>
 * <li>{@link ChannelInboundHandler} to handle inbound I/O events, and</li>
 * <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
 * </ul>
 * </p>
 * <p>
 * Alternatively, the following adapter classes are provided for your convenience:
 * <ul>
 * <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
 * <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
 * <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
 * </ul>
 */
For more information, please refer to the documentation of each subtype.

The context object

A \( \text{@link ChannelHandler} \) is provided with a \( \text{@link ChannelHandlerContext} \) object. A \( \text{@link ChannelHandler} \) is supposed to interact with the \( \text{@link ChannelPipeline} \) it belongs to via a context object. Using the context object, the \( \text{@link ChannelHandler} \) can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using \( \text{@link AttributeKey} \)'s) which is specific to the handler.

State management

A \( \text{@link ChannelHandler} \) often needs to store some stateful information. The simplest and recommended approach is to use member variables:

```java
public interface Message {
    // your methods here
}

public class DataServerHandler extends \@link SimpleChannelInboundHandler\lt;Message\gt; {

    private boolean loggedIn;

    \@Override
    public void channelRead0(\@link ChannelHandlerContext\) ctx, Message message) {
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) message);
            loggedIn = true;
        } else if (message instanceof GetDataMessage) {
            if (loggedIn) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
            } else {
                fail();
            }
        }
    }

    ...  

    Because the handler instance has a state variable which is dedicated to
    one connection, you have to create a new handler instance for each new
    channel to avoid a race condition where a unauthenticated client can get
    the confidential information:
```
* <pre>
* // Create a new handler instance per channel.
* // See [@link ChannelInitializer#initChannel(Channel)].
* public class DataServerInitializer extends [@link ChannelInitializer]{@link Channel}&lt;[@link Channel]&gt; {
*     [{@code @Override}
*     public void initChannel([@link Channel] channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
* ...
* </pre>

* <h4>Using [@link AttributeKey]s</h4>

* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use [@link AttributeKey]s which is provided by
* [{@link ChannelHandlerContext}]:
* <pre>
* public interface Message {
*    // your methods here
* }
* ...
* [{@code @Sharable}
* public class DataServerHandler extends [@link SimpleChannelInboundHandler]{&lt;Message&gt;} {
*    private final [@link AttributeKey]{@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
* ...
* [{@code @Override}
* public void channelRead([@link ChannelHandlerContext] ctx, Message message) {
*    {@link Attribute} attr = ctx.attr(auth);
*    if (message instanceof LoginMessage) {
*        authenticate((LoginMessage) o);
*        attr.set(true);
*    } else (message instanceof GetDataMessage) {
*        if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*            ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*        } else {
*            fail();
*        }
*    }
* ...
* </pre>

* Now that the state of the handler is attached to the [@link ChannelHandlerContext], you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends @link ChannelInitializer\{\@link Channel\}\{ {
  * 
  * private static final DataServerHandler \<b.SHARED</b> = new DataServerHandler();
  * 
  * \{\@code \@Override\}
  * public void initChannel(\{\@link Channel\} channel) {
  *     channel.pipeline().addLast("handler", \<b.SHARED</b>);
  * }
  * }
  * </pre>
  * 
  * 
  * \langleh4\>The \{\@code \@Sharable\} annotation</h4\>
  * \langlep\>
  * In the example above which used an \{\@link AttributeKey\},
  * you might have noticed the \{\@code \@Sharable\} annotation.
  * \langlep\>
  * If a \{\@link ChannelHandler\} is annotated with the \{\@code \@Sharable\}
  * annotation, it means you can create an instance of the handler just once and
  * add it to one or more \{\@link ChannelPipeline\}s multiple times without
  * a race condition.
  * \langlep\>
  * If this annotation is not specified, you have to create a new handler
  * instance every time you add it to a pipeline because it has unshared state
  * such as member variables.
  * \langlep\>
  * This annotation is provided for documentation purpose, just like
  * a \a href="http://www.javaconcurrencyinpractice.com/annotations/doc/"\>the JCIP annotations</a\>.
  * 
  * \langleh3\>Additional resources worth reading</h3\>
  * \langlep\>
  * Please refer to the \{\@link ChannelHandler\}, and
  * \{\@link ChannelPipeline\} to find out more about inbound and outbound operations,
  * what fundamental differences they have, how they flow in a pipeline, and how to handle
  * the operation in your application.
  */

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* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-
  jar/io/netty/channel/multithread/MultithreadEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-
  jar/io/netty/channel/DefaultEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/remoting/jaxws/AbstractJaxWsServiceExporter.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/http/HttpEntity.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/http/client/InterceptingClientHttpRequestFactory.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/http/ZeroCopyHttpOutputMessage.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/method/annotation/ExpressionValueMethodArgumentResolver.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/http/client/reactive/JettyResourceFactory.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/remoting/jaxws/LocalJaxWsServiceFactory.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/jsf/DelegatingNavigationHandlerProxy.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/request/FacesRequestAttributes.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/support/AbstractRefreshableWebApplicationContext.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/ServletConfigAware.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/client/support/RestGatewaySupport.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/util/pattern/CaptureVariablePathElement.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/method/HandlerTypePredicate.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/server/reactive/ContextPathCompositeHandler.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/util/TagUtils.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
jar/org/springframework/web/server/UnsupportedMediaTypeStatusException.java
* /opt/cola/permits/113588219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/web/client/AsyncRestTemplate.java
* /opt/cola/permits/113588219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/web/server/i18n/FixedLocaleContextResolver.java
* /opt/cola/permits/113588219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/web/HttpMediaTypeException.java
* /opt/cola/permits/113588219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/server/ServerHttpResponse.java

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Found in path(s):
* /opt/cola/permits/113588219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/web/HttpMediaTypeException.java
* /opt/cola/permits/113588219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/server/ServerHttpResponse.java
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Found in path(s):
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
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  jar/org/springframework/web/context/annotation/RequestScope.java
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  jar/org/springframework/web/bind/annotation/ModelAttribute.java
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  jar/org/springframework/web/multipart/support/MissingServletRequestPartException.java
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  jar/org/springframework/web/method/annotation/RequestMethodMapMethodArgumentResolver.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/request/WebRequestInterceptor.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/request/SessionScope.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/async/TimeoutDeferredResultProcessingInterceptor.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/http/client/ClientHttpRequestFactory.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/http/client/ClientHttpRequestExecution.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/request/WebRequestInterceptor.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/request/SessionScope.java
# This file maps Internet media types to unique file extension(s).
# Although created for httpd, this file is used by many software systems
# and has been placed in the public domain for unlimited redistribution.
#
# The table below contains both registered and (common) unregistered types.
# A type that has no unique extension can be ignored -- they are listed
# here to guide configurations toward known types and to make it easier to
# identify "new" types. File extensions are also commonly used to indicate
# content languages and encodings, so choose them carefully.
#
# Internet media types should be registered as described in RFC 4288.
# The registry is at <https://www.iana.org/assignments/media-types/>.
#
# This file was retrieved from
#
# MIME type (lowercased)Extensions
# ===============================================================
# application/1d-interleaved-parityfec
# application/3gpdash-qoe-report+xml
# application/3gpp-ims+xml
# application/a2l
# application/activemessage
# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
application/andrew-insetez
# application/applefile
application/applixwareaw
# application/atf
# application/atfx
application/atom+xml
application/atomcat+xml
application/atomicmail
application/atomsvc+xml
# application/atomy
# application/auth-policy+xml
# application/bacnet-xxd+xml
# application/batch-smtp
# application/beep+xml
# application/calendar+xml
# application/calendar+xml
# application/call-completion
# application/cals-1840
# application/cbor
# application/ccmp+xml
application/ccxml+xml
# application/cdfx+xml
application/cdmi-capability+xml
application/cdmi-container+xml
application/cdmi-domain+xml
application/cdmi-object+xml
application/cdmi-queue+xml
# application/cdni
# application/cea
# application/cea-2018+xml
# application/cellml+xml
# application/cfw
# application/cms
# application/cnrp+xml
# application/coap-group+xml
# application/commonground
# application/conference-info+xml
# application/cpl+xml
# application/csrattrs
# application/csta+xml
# application/estadata+xml
# application/csvm+xml
application/cu-seeme
# application/cybercash
# application/dash+xml
# application/dashdelta
application/davmount+xml
# application/dca-rft
# application/dcd
# application/dec-dx
# application/dialog-info+xml
# application/dicom
# application/dii
# application/dit
# application/dns
application/docbook+xml
# application/atomsvc+xml
# application/atomy
# application/auth-policy+xml
# application/bacnet-xxd+xml
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# application/calendar+xml
# application/calendar+xml
# application/call-completion
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# application/cnrp+xml
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# application/conference-info+xml
# application/cpl+xml
# application/csrattrs
# application/csta+xml
# application/estadata+xml
# application/csvm+xml
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# application/cybercash
# application/dash+xml
# application/dashdelta
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# application/rpki-updown
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# application/saml assertion+xml
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application/sbml+xml
# application/scaip+xml
# application/scim+json
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# application/sep+xml
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# application/session-info
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application/set-registration-initiationsetreg
# application/sgml
# application/sgml-open-catalog
application/shf+xml
# application/sieve
# application/simple-filter+xml
# application/simple-message-summary
# application/simple symbol container
# application/slate
# application/smil
application/smil+xml
application/smp-te336m
# application/soap+fastinfoset
# application/soap+xml
application/sparql-query
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# application/spirits-event+xml
# application/sql
application/srgsgram
application/srgs+xml
application/ssdl+xml
application/ssml+xml
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# application/tamp-apex-update-confirm
# application/tamp-community-update
# application/tamp-community-update-confirm
# application/tamp-error
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# application/tamp-status-query
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# application/vnd.3gpp2.sms
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tcap
# application/vnd.3lightssoftware.imagescal
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Open Source Used In CPS Microservices (DRA) DRA 21.1 Gold Candidate 3313
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audio/atrac-x
audio/atrac3
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audio/bv32
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# audio/dsr-es202211
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# text/mizar

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text/uri-list

# text/vcard

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# video/mp2t
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# video/vnd.nokia.interleaved-multimedia
# video/vnd.nokia.videovoip
# video/vnd.objectvideo
# video/vnd.radgametools.bink
# video/vnd.radgametools.smacker
# video/vnd.sealed.mpeg1
# video/vnd.sealed.mpeg4
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/codec/support/BaseDefaultCodecs.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/server/reactive/DefaultServerHttpRequestBuilder.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/server/reactive/UndertowServerHttpResponse.java
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/converter/json/Jackson2ObjectMapperBuilder.java
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/web/server/handler/ExceptionHandlingWebHandler.java
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/client/DefaultResponseErrorHandler.java
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/http/codec/xml/Jaxb2XmlDecoder.java
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/web/bind/support/MappingJacksonInputMessage.java
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/async/AsyncClientHttpRequest.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/web/method/support/HandlerMethodReturnValueHandler.java
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1.323 armon-go-metrics 1.1.5

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package formatter

import (  
"time"
  "github.com/docker/cli/internal/licenseutils"
  "github.com/docker/licensing/model"
)

const (  
defaultSubscriptionsTableFormat = "table  
{{.Num}}	{{.Owner}}	{{.ProductID}}	{{.Expires}}	{{.ComponentsString}}"
  
defaultSubscriptionsQuietFormat = "{{.Num}}:{{.Summary}}"
numHeader               = "NUM"
ownerHeader             = "OWNER"
licenseNameHeader       = "NAME"
idHeader                = "ID"
dockerIDHeader          = "DOCKER ID"
productIDHeader         = "PRODUCT ID"
productRatePlanHeader   = "PRODUCT RATE PLAN"
productRatePlanIDHeader = "PRODUCT RATE PLAN ID"
startHeader             = "START"
expiresHeader           = "EXPIRES"
stateHeader             = "STATE"
eusaHeader              = "EUSA"
pricingComponentsHeader = "PRICING COMPONENTS"
)

// NewSubscriptionsFormat returns a Format for rendering using a license Context  
func NewSubscriptionsFormat(source string, quiet bool) Format {  
  switch source {  
    case TableFormatKey:  
      if quiet {  
        return defaultSubscriptionsQuietFormat  
      }  
      return defaultSubscriptionsTableFormat  
  }  
  return defaultSubscriptionsTableFormat
}
case RawFormatKey:
if quiet {
    return `license: {{.ID}}`''
}
return `license: {{.ID}}
name: {{.Name}}
owner: {{.Owner}}
components: {{.ComponentsString}}
`''
return Format(source)
}

// SubscriptionsWrite writes the context
func SubscriptionsWrite(ctx Context, subs []licenseutils.LicenseDisplay) error {
    render := func(format func(subContext subContext) error) error {
        for _, sub := range subs {
            licenseCtx := &licenseContext{trunc: ctx.Trunc, l: sub}
            if err := format(licenseCtx); err != nil {
                return err
            }
        }
    return nil
    }
    licenseCtx := licenseContext{
    licenseCtx.header = map[string]string{
        "Num":               numHeader,
        "Owner":             ownerHeader,
        "Name":              licenseNameHeader,
        "ID":                idHeader,
        "DockerID":          dockerIDHeader,
        "ProductID":         productIDHeader,
        "ProductRatePlan":   productRatePlanHeader,
        "ProductRatePlanID": productRatePlanIDHeader,
        "Start":             startHeader,
        "Expires":           expiresHeader,
        "State":             stateHeader,
        "Eusa":              eusaHeader,
        "ComponentsString":  pricingComponentsHeader,
    }
    return ctx.Write(&licenseCtx, render)
}

type licenseContext struct {
    HeaderContext
    trunc bool
    l     licenseutils.LicenseDisplay
}

func (c *licenseContext) MarshalJSON() ([]byte, error) {
    return marshalJSON(c)
}
func (c *licenseContext) Num() int {
    return c.l.Num
}

func (c *licenseContext) Owner() string {
    return c.l.Owner
}

func (c *licenseContext) ComponentsString() string {
    return c.l.ComponentsString
}

func (c *licenseContext) Summary() string {
    return c.l.String()
}

func (c *licenseContext) Name() string {
    return c.l.Name
}

func (c *licenseContext) ID() string {
    return c.l.ID
}

func (c *licenseContext) DockerID() string {
    return c.l.DockerID
}

func (c *licenseContext) ProductID() string {
    return c.l.ProductID
}

func (c *licenseContext) ProductRatePlan() string {
    return c.l.ProductRatePlan
}

func (c *licenseContext) ProductRatePlanID() string {
    return c.l.ProductRatePlanID
}

func (c *licenseContext) Start() *time.Time {
    return c.l.Start
}

func (c *licenseContext) Expires() *time.Time {
    return c.l.Expires
}
func (c *licenseContext) State() string {
    return c.l.State
}

func (c *licenseContext) Eusa() *model.EusaState {
    return c.l.Eusa
}

func (c *licenseContext) PricingComponents() []model.SubscriptionPricingComponent {
    // Dereference the pricing component pointers in the pricing components
    // so it can be rendered properly with the template formatter
    var ret []model.SubscriptionPricingComponent
    for _, spc := range c.l.PricingComponents {
        if spc == nil {
            continue
        }
        ret = append(ret, *spc)
    }
    return ret
}

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Gocheck - A rich testing framework for Go

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package licensing

import {
    "context"
    "crypto/hmac"
    "crypto/sha256"
    "encoding/base64"
    "encoding/json"
    "fmt"
    "time"

    "github.com/docker/libtrust"
    "github.com/docker/licensing/lib/errors"
    "github.com/docker/licensing/lib/go-clientlib"
    "github.com/docker/licensing/model"
}

func (c *client) getLicenseFile(ctx context.Context, subID string) (*model.IssuedLicense, error) {
    url := c.baseURI
    url.Path += fmt.Sprintf("/api/billing/v4/subscriptions/%s/license-file", subID)

    license := new(model.IssuedLicense)
    if _, _, err := c.doReq(ctx, "GET", &url, clientlib.RecvJSON(license)); err != nil {
        return nil, err
    }

    return license, nil
}

// Check verifies that the license identified by the given key id is valid. Note that it does not interrogate the contents of the license.
func (c *client) check(ctx context.Context, license model.IssuedLicense) (*model.CheckResponse, error) {
    keyID := license.KeyID
    privateKey := license.PrivateKey

    authorization, err := c.getAuthorization(ctx, license)
    if err != nil {
        return nil, err
    }

    // TODO: Mason - replace this parseJWS with a non libtrust lib
    signature, err := libtrust.ParseJWS(authorization)
    if err != nil {

return nil, errors.Wrapf(err, errors.Fields{
  "key_id": keyID,
}, "license parse JWS failed")
}

keys, err := signature.Verify()
if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
      "key_id": keyID,
    }, "license signature verification failed")
}

keyCnt := len(keys)
if keyCnt != 1 {
    err = fmt.Errorf("unexpected number of signing keys (%d)", keyCnt)
    return nil, errors.WithStack(err).With(errors.Fields{
      "key_id": keyID,
    })
}

key := keys[0]

if !c.recognizedSigningKey(key) {
    return nil, errors.New("unrecognized signing key")
}

payload, err := signature.Payload()
if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
      "key_id": keyID,
    }, "malformed signature payload")
}

checkRes := new(model.CheckResponse)
err = json.Unmarshal(payload, &checkRes)
if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
      "key_id": keyID,
    }, "license payload unmarshal failed")
}

msg := checkRes.Expiration.Format(time.RFC3339)
if err := checkToken(msg, checkRes.Token, privateKey); err != nil {
    return nil, errors.Wrap(err, errors.Fields{
      "key_id": keyID,
    })
}
return checkRes, nil
}

// recognizedSigningKey returns true if the given key is signed with a recognized signing key, false otherwise
func (c *client) recognizedSigningKey(key libtrust.PublicKey) bool {
for _, publicKey := range c.publicKeys {
if key.KeyID() == publicKey.KeyID() {
return true
}
}
return false
}

// getAuthorization returns the decoded license authorization
func (c *client) getAuthorization(ctx context.Context, license model.IssuedLicense) ([]byte, error) {
decoded, err := base64.StdEncoding.DecodeString(license.Authorization)
if err != nil {
return nil, errors.Wrapf(err, errors.Fields{
"key_id": license.KeyID,
"decoding license authorization failed"})
}
return decoded, nil
}

// All of the functions in this file assume that they are receiving a properly
// formatted private key.

// checkToken performs a MAC algorithm (where token is generated by hashing the
// message with the privateKey via GenerateToken) with the purpose of authenticating
// the validity of both the message and the private key of the person who generated
// the token.
func checkToken(message, token, privateKey string) error {
tokenBytes, err := base64.URLEncoding.DecodeString(token)
if err != nil {
return errors.Wrap(err, errors.Fields{"token": token})
}

generatedToken, err := generateToken(message, privateKey)
if err != nil {
return errors.Wrap(err, errors.Fields{"token": token})
}

generatedBytes, err := base64.URLEncoding.DecodeString(generatedToken)
if err != nil {
return errors.Wrap(err, errors.Fields{"token": token})
}
if !hmac.Equal(tokenBytes, generatedBytes) {
return errors.Forbidden(errors.Fields{"token": token}, "invalid token")
}

return nil
}

// generateToken generates a hash of the message with the privateKey via the sha256 algorithm.
func generateToken(message, privateKey string) (string, error) {
key, err := base64.URLEncoding.DecodeString(privateKey)
if err != nil {
return "", errors.Wrap(err, errors.Fields{"msg": message})
}

h := hmac.New(sha256.New, key)
h.Write([]byte(message))
return base64.URLEncoding.EncodeToString(h.Sum(nil)), nil
}

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package model

import "time"

// A CheckResponse is the internal content of the PublicCheckResponse signed
// json blob.

// A CheckResponse is the internal content of the PublicCheckResponse signed
// json blob.

type CheckResponse struct {
    Expiration  time.Time `json:"expiration"
    Token       string    `json:"token"
    MaxEngines  int       `json:"maxEngines"
    ScanningEnabled bool    `json:"scanningEnabled"
    Type        string    `json:"licenseType"
    Tier        string    `json:"tier"
}

// IssuedLicense represents an issued license

type IssuedLicense struct {
    KeyID         string `json:"key_id"
    PrivateKey    string `json:"private_key"
    Authorization string`json:"authorization"
}

// Valid returns true if the License is syntactically valid, false otherwise
func (l *IssuedLicense) Valid() (bool, string) {
    if l.KeyID == "" {
        return false, "empty key_id"
    }

    if l.PrivateKey == "" {
        return false, "empty private_key"
    }
}
if l.Authorization == "" {
    return false, "empty authorization"
}

return true, ""
}

package formatter

import {
    "bytes"
    "encoding/json"
    "strings"
    "testing"
    "time"

    "github.com/docker/cli/internal/licenseutils"
    "github.com/docker/licensing/model"
    "gotest.tools/assert"
    is "gotest.tools/assert/cmp"
}

func TestSubscriptionContextWrite(t *testing.T) {
    cases := []struct {
        context  Context
        expected string
    }{
        // Errors
        {
            Context{Format: "{{InvalidFunction}}"},
            "Template parsing error: template: :1: function "InvalidFunction" not defined",
        },
    },
    {
        Context{Format: "{{nil}}"},
        "Template parsing error: template: :1:2: executing " at <nil>: nil is not a command",
    },
    // Table format
    {
        Context{Format: NewSubscriptionsFormat("table", false)},
        "NUM OWNER PRODUCT ID EXPIRES PRICING COMPONENTS",
        1 owner1 productid1 2020-01-01 10:00:00 +0000 UTC compstring,
        2 owner2 productid2 2020-01-01 10:00:00 +0000 UTC compstring,
    },
}
### License Details

<table>
<thead>
<tr>
<th>License Name</th>
<th>Quantity</th>
<th>Expiration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>name1</td>
<td>10 nodes</td>
<td>2020-01-01</td>
</tr>
<tr>
<td>name2</td>
<td>20 nodes</td>
<td>2020-01-01</td>
</tr>
</tbody>
</table>

### Owners

- owner1
- owner2

---

```text
// Raw Format

license: id1
ame: name1
owner: owner1
components: compstring

license: id2
name: name2
owner: owner2
components: compstring

```

---

```text
// Custom Format

`owner1
owner2
```

---

```text
// Raw Format

license: id1
license: id2
```

---

```text
// Custom Format

`owner1
owner2
```
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")

for _, testcase := range cases {
subscriptions := []licenseutils.LicenseDisplay{
    {
        Num:   1,
        Owner: "owner1",
        Subscription: model.Subscription{
            ID: "id1",
            Name: "name1",
            ProductID: "productid1",
            Expires: &expiration,
            PricingComponents: model.PricingComponents{
                &model.SubscriptionPricingComponent{
                    Name: "nodes",
                    Value: 10,
                },
            },
            ComponentsString: "compstring",
        },
    },
    {
        Num:   2,
        Owner: "owner2",
        Subscription: model.Subscription{
            ID: "id2",
            Name: "name2",
            ProductID: "productid2",
            Expires: &expiration,
            PricingComponents: model.PricingComponents{
                &model.SubscriptionPricingComponent{
                    Name: "nodes",
                    Value: 20,
                },
            },
            ComponentsString: "compstring",
        },
    },
}
out := &bytes.Buffer{
    testcase.context.Output = out
    err := SubscriptionsWrite(testcase.context, subscriptions)
    if err != nil {
        assert.Error(t, err, testcase.expected)
    } else {
        assert.Check(t, is.Equal(testcase.expected, out.String()))
    }
}
func TestSubscriptionContextWriteJSON(t *testing.T) {
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")
subscriptions := []licenseutils.LicenseDisplay{
    {
        Num: 1,
        Owner: "owner1",
        Subscription: model.Subscription{
            ID: "id1",
            Name: "name1",
            ProductID: "productid1",
            Expires: &expiration,
            PricingComponents: model.PricingComponents{
                &model.SubscriptionPricingComponent{
                    Name: "nodes",
                    Value: 10,
                },
            },
            ComponentsString: "compstring",
        },
    },
    {
        Num: 2,
        Owner: "owner2",
        Subscription: model.Subscription{
            ID: "id2",
            Name: "name2",
            ProductID: "productid2",
            Expires: &expiration,
            PricingComponents: model.PricingComponents{
                &model.SubscriptionPricingComponent{
                    Name: "nodes",
                    Value: 20,
                },
            },
            ComponentsString: "compstring",
        },
    },
}
expectedJSONs := []map[string]interface{}{
    {
        "Owner": "owner1",
        "ComponentsString": "compstring",
        "Expires": "2020-01-01T10:00:00Z",
        "DockerID": "",
        "Eusa": nil,
    },
}
"ID": "id1",
"Start": nil,
"Name": "name1",
"Num": float64(1),
"PricingComponents": []interface{}{
    map[string]interface{}{
        "name": "nodes",
        "value": float64(10),
    },
},
"ProductID": "productid1",
"ProductRatePlan": "",
"ProductRatePlanID": "",
"State": "",
"Summary": "License Name: name1
Quantity: 10 nodes
Expiration date: 2020-01-01",
},
{
    "Owner": "owner2",
    "ComponentsString": "compstring",
    "Expires": "2020-01-01T10:00:00Z",
    "DockerID": "",
    "Eusa": nil,
    "ID": "id2",
    "Start": nil,
    "Name": "name2",
    "Num": float64(2),
    "PricingComponents": []interface{}{
        map[string]interface{}{
            "name": "nodes",
            "value": float64(20),
        },
    },
    "ProductID": "productid2",
    "ProductRatePlan": "",
    "ProductRatePlanID": "",
    "State": "",
    "Summary": "License Name: name2
Quantity: 20 nodes
Expiration date: 2020-01-01",
}
}

out := &bytes.Buffer{}
err := SubscriptionsWrite(Context{Format: "{{json .}}", Output: out}, subscriptions)
if err != nil {
t.Fatal(err)
}
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
    var m map[string]interface{}
    if err := json.Unmarshal([]byte(line), &m); err != nil {
        t.Fatal(err)
    }
}
t.Fatal(err)
}
assert.Check(t, is.DeepEqual(expectedJSONs[i], m))
}
}
func TestSubscriptionContextWriteJSONField(t *testing.T) {
subscriptions := []licenseutils.LicenseDisplay{
{Num: 1, Owner: "owner1"},
{Num: 2, Owner: "owner2"},
}
out := &bytes.Buffer{}
err := SubscriptionsWrite(Context{Format: "{{json .Owner}}", Output: out}, subscriptions)
if err != nil {
t.Fatal(err)
}
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
var s string
if err := json.Unmarshal([]byte(line), &s); err != nil {
t.Fatal(err)
}
assert.Check(t, is.Equal(subscriptions[i].Owner, s))
}
}
Looking for existing licenses for ...
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OWNER
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1.326 xmemcached 1.3.8  

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1.333 python-cryptography 1.2.3 1ubuntu0.3

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* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/adapter/ThrowsAdviceInterceptor.java
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jar/org/springframework/aop/framework/ProxyConfig.java
* /opt/cola/permits/113876655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-
jar/org/springframework/aop/framework/autoproxy/AutoProxyUtils.java
* /opt/cola/permits/113876655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-
jar/org/springframework/aop/target/AbstractBeanFactoryBasedTargetSource.java
* /opt/cola/permits/113876655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-
jar/org/springframework/aop/aspectj/RuntimeTestWalker.java
* /opt/cola/permits/113876655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-
jar/org/springframework/aop/target/HotSwappableTargetSource.java
* /opt/cola/permits/113876655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-
jar/org/springframework/aop/target/SingletonTargetSource.java
* /opt/cola/permits/113876655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-
jar/org/springframework/aop/scoped/ScopedProxyUtils.java
* /opt/cola/permits/113876655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-
jar/org/springframework/aop/aspectj/AbstractAspectJAdvice.java
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/113876655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-
jar/org/springframework/aop/framework/adapter/GlobalAdvisorAdapterRegistry.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1.jar/org/springframework/aop/support/DynamicMethodMatcher.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1.jar/org/springframework/aop/support/DynamicMethodMatcherPointcut.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1.jar/org/springframework/aop/interceptor/ConcurrencyThrottleInterceptor.java
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* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1.jar/org/springframework/aop/framework/aop/PointcutAdvisor.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1.jar/org/springframework/aop/framework/aop/TargetSourceCreator.java

1.335 libnetfilter-queue 1.0.2 r0

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1.336 perl 5.22.1-9ubuntu0.6
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```
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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The End
---
abstract: 'Build and install Perl modules'
author:
  - 'Ken Williams <kwilliams@cpan.org>'
  - "Development questions, bug reports, and patches should be sent to the
    Module-Build mailing list at <module-build@perl.org>.'
built_requires:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Module-Build
resources:
  MailingList: mailto:module-build@perl.org
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  repository: http://github.com/dagolden/module-build/
  version: 3

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<one line to give the program's name and a brief idea of what it does.>
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    Gnomovision version 69, Copyright (C) 19xx name of author
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    <signature of Ty Coon>, 1 April 1989
    Ty Coon, President of Vice

That's all there is to it!
#!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the
C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match
reality.

Optionally you can pass the C<--now> option to check they are at the current
year. This isn't checked by default, so that it doesn't fail for people
working on older releases. It should be run before making a new release.

=cut

use TestInit;
use strict;
use Config;
BEGIN { require 'test.pl' }

if ( $Config{usecrosscompile} ) {
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
sub readme_year
# returns the latest copyright year from the top-level README file
{
    open my $readme, '<', '../README' or die "Opening README failed: $!'';

    # The copyright message is the first paragraph:
    local $/ = '';
    my $copyright_msg = <$readme>;

    my ($year) = $copyright_msg =~ /.*(\d{4,})/s
        or die "Year not found in README copyright message '$_'";

    $year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{
    my $output = runperl switches => ['-v'];
    my ($year) = $output =~ /copyright 1987.*\b\d(4, )/i
        or die "Copyright statement not found in perl -v output "$_"';

    $year;
}

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1.344 metrics-health-checks 3.1.2

1.345 lsof 4.89+dfsg-0.1

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Source: ftp://lsof.itap.purdue.edu/pub/tools/unix/lsof/
Comment: The following changes were made to the upstream tarball:
1.) The directory dialects/uw was removed for being non-DFSG and not needed in Debian.
2.) The main source was a tarball within a tarball. Only the innermost tarball has been retained.
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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
OW2

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

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

Apache

The following artifacts are ASL2 licensed.

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

MortBay

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

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html
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1.347 cloud-init 19.4-33-gbb4131a2-0ubuntu1~16.04.1

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1.348 log4j-over-slf4j 1.7.30
1.348.1 Available under license :
No license file was found, but licenses were detected in source scan.

<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/META-INF/maven/org.slf4j/log4j-over-slf4j/pom.xml
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* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-
  jar/org/apache/log4j/helpers/NullEnumeration.java
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* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-
  jar/org/apache/log4j/spi/Configurator.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-
  jar/org/apache/log4j/spi/LoggerFactory.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-
  jar/org/apache/log4j/NDC.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-
jar/org/apache/log4j/Appender.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/BasicConfigurator.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/ConsoleAppender.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/LoggerRepository.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/WriterAppender.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/xml/DOMConfigurator.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/SimpleLayout.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/spi/ErrorHandler.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/spi/OptionHandler.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/FileAppender.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/LogManager.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/AppenderSkeleton.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/helpers/LogLog.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/PropertyConfigurator.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/Log4jLoggerFactory.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/Level.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/Priority.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/LogLog.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/AppenderSkeleton.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/PropertyConfigurator.java
* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/Log4jLoggerFactory.java
1.349 e2fsprogs 1.42.13-1ubuntu1

1.349.1 Available under license:

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

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

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*/
Index: tdbsa/tdb.c

ARCHIVATION INFORMATION
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version
trivial database library - private includes

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Theodore Ts'o
23-June-2007

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```
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<signature of Ty Coon>, 1 April 1990
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That's all there is to it!

# This is a Makefile stub which handles the creation of BSD shared libraries.
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
all:: image
real-subdirs:: Makefile
@echo "MKDIR pic"
@mknod -p pic

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

image:$(BSD_LIB)

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

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

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall: $(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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Gadi Oxman, August 1995

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<signature of Ty Coon>, 1 April 1989
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1.350 mergo 0.3.6
1.350.1 Available under license :

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import: ../../fossene/db/schema/thing.yml

fields:
  site: string
  author: root

1.351 goprotobuf 1.1.5

1.351.1 Available under license:

Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: golang-gogoprotobuf
Source: https://github.com/gogo/protobuf

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gogoprotobuf/Makefile
gogoprotobuf/doc.go
gogoprotobuf/gogo.proto
gogoprotobuf/helper.go
io/*
plugin/*
proto/decode_gogo.go
proto/extensions_gogo.go
proto/lib_gogo.go
proto/pointer_unsafe_gogo.go
proto/properties_gogo.go
proto/skip_gogo.go
proto/text_gogo.go
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1.352 dropwizard-jersey 1.0.0

1.353 alsa-lib 1.1.0 0ubuntu1

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1.356 slf4j-log4j 1.7.5

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* GNU find was written by Eric Decker <cire@cisco.com>, with enhancements by David MacKenzie <djm@gnu.org>, Jay Plett <jay@silence.princeton.nj.us>, and Tim Wood <axolotl!tim@toad.com>. The idea for -print0 and xargs -0 came from Dan Bernstein <brnstd@kramden.acf.nyu.edu>. Improvements have been made by James Youngman <jay@gnu.org>.

* GNU xargs was originally written by Mike Rendell, with enhancements by David MacKenzie. Modifications by James Youngman Dmitry V. Levin

* GNU locate and its associated utilities were originally written by James Woods, with enhancements by David MacKenzie, James Youngman and Bas van Gompel.

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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.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)
"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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

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   d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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

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.

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That's all there is to it!
1.369 zjsonpatch 0.3.0

1.370 base-files 9.4ubuntu4.4

1.370.1 Available under license:

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Most GNU software, including some libraries, is covered by the ordinary
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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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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.

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

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

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

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

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

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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/hash/AbstractStreamingHashFunction.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/Queues.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/hash/BloomFilter.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/AbstractSortedMultiset.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/hash/MessageDigestHashFunction.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/RegularContiguousSet.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/TreeRangeSet.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableSortedMultiset.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/hash/Murmur3_128HashFunction.java
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/DenseImmutableTable.java
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/RegularImmutableTable.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/SparseImmutableTable.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/Cut.java

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/*
* This following method is a modified version of one found in
* http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30
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jar/jersey/repackaged/com/google/common/cache/Weigher.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-
jar/jersey/repackaged/com/google/common/math/MathPreconditions.java
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/*
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 * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-
  jar/jersey/repackaged/com/google/common/collect/RegularImmutableBiMap.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-
  jar/jersey/repackaged/com/google/common/collect/Collections2.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/util/concurrent/AbstractCheckedFuture.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/PeeingIterator.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/thirdparty/publicsuffix/TrieParser.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/ImmutableMap.java
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/ImmutableBiMap.java
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/TreeBasedTable.java
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/base/HashBasedTable.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/primitives/Booleans.java
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/UnmodifiableIterator.java
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/RegularImmutableSortedMap.java
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/HashMultiset.java
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jar/jersey/repackaged/com/google/common/io/Flushables.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/EnumBiMap.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/LinkedHashMultiset.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/ImmutableList.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/io/LineBuffer.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/ForwardingListIterator.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/SingletonImmutableSet.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/collect/NullsLastOrdering.java
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/eventbus/AllowConcurrentEvents.java

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jar/jersey/repackaged/com/google/common/collection/FilteredMultimapValues.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/base/VerifyException.java
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* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/cache/Striped64.java
* /opt/cola/permits/1138336861_1614279100.39/0/jersey-guava-2-23-1-sources-1-jar/jersey/repackaged/com/google/common/cache/LongAdder.java

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1.375 freemarker 2.3.22

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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

------

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL-GPL.html

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

------

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

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The 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

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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 granted provided that the copyright notice appears in all copies.

1.378 pyasn1 0.1.9-1

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1.379 libuv 1.11.0

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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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1.380 commons-validator 1.3.1

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-- vile:txtmode fc=72
-- $Id: COPYING,v 1.6 2018/01/01 12:00:00 tom Exp $
Upstream source https://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

--------------------------------------------------------------------------------
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-- vile: txtmode file-encoding=utf-8
Upstream source https://invisible-island.net/ncurses/ncurses-examples.html

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1.383 pwauth 2.3.11-0.1
1.383.1 Available under license :
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/1138377062_1614280824.59/0/pwauth-2-3-11-orig-2-tar-gz/pwauth-2.3.11/config.h

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 */

Found in path(s):
1.384 glib 2.48.2-0ubuntu4.6

1.384.1 Available under license:

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1.386 curl 7.52.1-r1

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* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2.jar/jersey/repackaged/com/google/common/collection/MapConstraint.java
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* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2.jar/jersey/repackaged/com/google/common/base/AbstractIterator.java
* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2.jar/jersey/repackaged/com/google/common/eventbus/HandlerFindingStrategy.java
* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2.jar/jersey/repackaged/com/google/common/collection/ObjectArrays.java
* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2.jar/jersey/repackaged/com/google/common/collection/AbstractMapBasedMultimap.java
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* http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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/*
* This method was rewritten in Java from an intermediate step of the Murmur hash function in
* http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-
  jar/jersey/repackaged/com/google/common/math/LongMath.java
* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-
  jar/jersey/repackaged/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-
  jar/jersey/repackaged/com/google/common/util/concurrent/CycleDetectingLockFactory.java
* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-
jar/jersey/repackaged/com/google/common/util/concurrent/AtomicLongMap.java
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* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-jar/jersey/repackaged/com/google/common/cache/CacheLoader.java
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* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
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* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/UncheckedExecutionException.java
* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-jar/jersey/repackaged/com/google/common/base/PairwiseEquivalence.java
* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-jar/jersey/repackaged/com/google/common/cache/RemovalNotification.java
* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-jar/jersey/repackaged/com/google/common/math/BigIntegerMath.java
* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-jar/jersey/repackaged/com/google/common/cache/ForwardingLoadingCache.java
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* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-
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* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-jar/jersey/repackaged/com/google/common/collect/Queues.java
* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-jar/jersey/repackaged/com/google/common/hash/MessageDigestHashFunction.java
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* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-jar/jersey/repackaged/com/google/common/collection/ImmutableRangeSet.java
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* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-jar/jersey/repackaged/com/google/common/collection/UnmodifiableIterator.java
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* /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-
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  * /opt/cola/permits/1137436181_1614079851.73/0/jersey-guava-2-17-sources-2-
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1.393 netty-buffer 4.1.35.Final

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That's all there is to it!
This is the Debian version of the newt library.
newt was written by Erik Troan <ewt@redhat.com>.

The original package was put together by Enrique Zanardi
<ezanard@debian.org>, from sources obtained from:
Recent upstream versions can be found at: http://fedora.redhat.com/

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1.398 commons-collections 3.2.1

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1.400 psmisc 23.1

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1.401 mongo-java-driver 3.2.0

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- /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/result/package-info.java
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jar/com/mongodb/operation/ListDatabasesOperation.java
* /opt/cola/permits/113876574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/connection/SendMessageCallback.java
* /opt/cola/permits/113876574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/connection/ComputingMap.java
* /opt/cola/permits/113876574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/org/bson/Types/CodeWScope.java
* /opt/cola/permits/113876574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/MongoCredential.java
* /opt/cola/permits/113876574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/MongoClientURI.java
* /opt/cola/permits/113876574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/BSONException.java
* /opt/cola/permits/113876574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/jar/com/mongodb/DefaultDBEncoder.java
jar/com/mongodb/management/ConnectionPoolStatistics.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/operation/AsyncWriteOperation.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/connection/netty/NettyStream.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/client/model/InsertOneModel.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/connection/ServerVersion.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/org/bson/codecs/ByteCodec.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/org/bson/codecs/BsonArrayCodec.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/org/bson/codecs/BsonTypeClassMap.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/BasicDBObjectBuilder.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/binding/SingleServerBinding.java

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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/org/bson/util/AbstractCopyOnWriteMap.java

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// make a special exception for a command with only a single item added to it. It's allowed to exceed maximum
document size so that

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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/operation/UserExistsOperation.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/connection/CommandProtocol.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/org/bson/BsonNull.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/operation/QueryBatchCursor.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/connection/RequestMessage.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/connection/DeleteMessage.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/connection/Protocol.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/org/bson/BsonInt32.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/connection/CommandMessage.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/client/model/FindOneAndDeleteOptions.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/org/bson/codecs/BsonValueCodecProvider.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/org/bson/BsonMaxKey.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/org/bson/BsonTimestamp.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/org/bson/BsonDouble.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/org/bson/BsonDocument.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/connection/CommandMessage.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/MongoClientOptions.java
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  jar/com/mongodb/ListIndexesIterableImpl.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/client/model/geojson/CoordinateReferenceSystemType.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/operation/QueryHelper.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/connection/netty/NettyStreamFactoryFactory.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/client/model/geojson/codecs/PolygonCodec.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/client/model/geojson/Polygon.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/client/model/geojson/codecs/GeoJsonCodecProvider.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/client/model/geojson/Polygon.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/model/Sorts.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/model/Projections.java
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/WriteConcernException.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/CursorType.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/MongoNodeIsRecoveringException.java
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1.jar/com/mongodb/connection/AsyncConnection.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1.jar/com/mongodb/connection/InternalStreamConnection.java

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  jar/com/mongodb/client/model/Updates.java
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  jar/com/mongodb/client/model/geojson/GeometryCollection.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/client/model/geojson/NamedCoordinateReferenceSystemCodec.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
  jar/com/mongodb/client/model/geojson/MultiPointCodec.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
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/**
* Returns an array containing all of the elements in this deque, in
* proper sequence (from first to last element).
* <p>The returned array will be "safe" in that no references to it are
* maintained by this deque. (In other words, this method must allocate
* a new array). The caller is thus free to modify the returned array.
* */
This method acts as bridge between array-based and collection-based APIs.

@return an array containing all of the elements in this deque

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Found in path(s):
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/model/Indexes.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/model/GridFSFile.java
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/GridFSFindIterableImpl.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/GridFSUploadStream.java
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/assertions/Assertions.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/org/bson/assertions/Assertions.java
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/annotations/NotThreadSafe.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/annotations/ThreadSafe.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-
jar/com/mongodb/annotations/Immutable.java
1.402 go-capability
0.0~git20150506.1.66ef2aa-1ubuntu1

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1.403 taglibs-standard 1.1.2-4

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1.405 glibc 2.23-0ubuntu11.2

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1.408 docker 18.09.0-rc1

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package formatter

import (  
  "time"

  "github.com/docker/cli/internal/licenseutils"
  "github.com/docker/licensing/model"
)


```go
const (
    defaultSubscriptionsTableFormat = "table
    {{.Num}}	{{.Owner}}	{{.ProductID}}	{{.Expires}}	{{.ComponentsString}}"
    defaultSubscriptionsQuietFormat = "{{.Num}}:{{.Summary}}"

    numHeader               = "NUM"
    ownerHeader             = "OWNER"
    licenseNameHeader       = "NAME"
    idHeader                = "ID"
    dockerIDHeader          = "DOCKER ID"
    productIDHeader         = "PRODUCT ID"
    productRatePlanHeader   = "PRODUCT RATE PLAN"
    productRatePlanIDHeader = "PRODUCT RATE PLAN ID"
    startHeader             = "START"
    expiresHeader           = "EXPIRES"
    stateHeader             = "STATE"
    eusaHeader              = "EUSA"
    pricingComponentsHeader = "PRICING COMPONENTS"
)

// NewSubscriptionsFormat returns a Format for rendering using a license Context
func NewSubscriptionsFormat(source string, quiet bool) Format {
    switch source {
    case TableFormatKey:
        if quiet {
            return defaultSubscriptionsQuietFormat
        }
        return defaultSubscriptionsTableFormat
    case RawFormatKey:
        if quiet {
            return `license: {{.ID}}`
        }
        return `license: {{.ID}}
name: {{.Name}}
owner: {{.Owner}}
components: {{.ComponentsString}}`
    }
    return Format(source)
}

// SubscriptionsWrite writes the context
func SubscriptionsWrite(ctx Context, subs []licenseutils.LicenseDisplay) error {
    render := func(format func(subContext subContext) error) error {
        for _, sub := range subs {
            licenseCtx := &licenseContext{trunc: ctx.Trunc, l: sub}
            if err := format(licenseCtx); err != nil {
                return err
            }
        }
        return nil
    }
    return nil
```

---
Open Source Used in CPS Microservices (DRA) DRA 21.1 Gold Candidate 4262
licenseCtx := licenseContext{}
licenseCtx.header = map[string]string{
    "Num":               numHeader,
    "Owner":             ownerHeader,
    "Name":              licenseNameHeader,
    "ID":                idHeader,
    "DockerID":          dockerIDHeader,
    "ProductID":         productIDHeader,
    "ProductRatePlan":   productRatePlanHeader,
    "ProductRatePlanID": productRatePlanIDHeader,
    "Start":             startHeader,
    "Expires":           expiresHeader,
    "State":             stateHeader,
    "Eusa":              eusaHeader,
    "ComponentsString":  pricingComponentsHeader,
}
return ctx.Write(&licenseCtx, render)


type licenseContext struct {
    HeaderContext
    trunc bool
    l     licenseutils.LicenseDisplay
}

func (c *licenseContext) MarshalJSON() ([]byte, error) {
    return marshalJSON(c)
}

func (c *licenseContext) Num() int {
    return c.l.Num
}

func (c *licenseContext) Owner() string {
    return c.l.Owner
}

func (c *licenseContext) ComponentsString() string {
    return c.l.ComponentsString
}

func (c *licenseContext) Summary() string {
    return c.l.String()
}

func (c *licenseContext) Name() string {
    return c.l.Name
}
func (c *licenseContext) ID() string {
    return c.l.ID
}

func (c *licenseContext) DockerID() string {
    return c.l.DockerID
}

func (c *licenseContext) ProductID() string {
    return c.l.ProductID
}

func (c *licenseContext) ProductRatePlan() string {
    return c.l.ProductRatePlan
}

func (c *licenseContext) ProductRatePlanID() string {
    return c.l.ProductRatePlanID
}

func (c *licenseContext) Start() *time.Time {
    return c.l.Start
}

func (c *licenseContext) Expires() *time.Time {
    return c.l.Expires
}

func (c *licenseContext) State() string {
    return c.l.State
}

func (c *licenseContext) Eusa() *model.EusaState {
    return c.l.Eusa
}

func (c *licenseContext) PricingComponents() []model.SubscriptionPricingComponent {
    // Dereference the pricing component pointers in the pricing components
    // so it can be rendered properly with the template formatter

    var ret []model.SubscriptionPricingComponent
    for _, spc := range c.l.PricingComponents {
        if spc == nil {
            continue
        }
        ret = append(ret, *spc)
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Gocheck - A rich testing framework for Go

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package licensing

import (  "context"  "crypto/hmac"  "crypto/sha256"  "encoding/base64"  "encoding/json"  "fmt"  "time"  "github.com/docker/libtrust"
func (c *client) getLicenseFile(ctx context.Context, subID string) (*model.IssuedLicense, error) {
  url := c.baseURI
  url.Path += fmt.Sprintf("/api/billing/v4/subscriptions/%s/license-file", subID)

  license := new(model.IssuedLicense)
  if _, _, err := c.doReq(ctx, "GET", &url, clientlib.RecvJSON(license)); err != nil {
    return nil, err
  }

  return license, nil
}

// Check verifies that the license identified by the given key id is valid. Note that it does not
// interrogate the contents of the license.
func (c *client) check(ctx context.Context, license model.IssuedLicense) (*model.CheckResponse, error) {
  keyID := license.KeyID
  privateKey := license.PrivateKey
  authorization, err := c.getAuthorization(ctx, license)
  if err != nil {
    return nil, err
  }

  // TODO: Mason - replace this parseJWS with a non libtrust lib
  signature, err := libtrust.ParseJWS(authorization)
  if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
      "key_id": keyID,
    }, "license parse JWS failed")
  }

  keys, err := signature.Verify()
  if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
      "key_id": keyID,
    }, "license signature verification failed")
  }

  keyCnt := len(keys)
  if keyCnt != 1 {
    err = fmt.Errorf("unexpected number of signing keys (%d)", keyCnt)
    return nil, errors.WithStack(err).With(errors.Fields{
      "key_id": keyID,
    })
  }

  return keyCnt, nil
}
key := keys[0]

if !c.recognizedSigningKey(key) {
    return nil, errors.New("unrecognized signing key")
}

payload, err := signature.Payload()
if err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    }, "malformed signature payload")
}

checkRes := new(model.CheckResponse)

err = json.Unmarshal(payload, &checkRes)
if err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    }, "license payload unmarshal failed")
}

msg := checkRes.Expiration.Format(time.RFC3339)
if err := checkToken(msg, checkRes.Token, privateKey); err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    })
}

return checkRes, nil

// recognizedSigningKey returns true if the given key is signed with a recognized signing key, false otherwise
func (c *client) recognizedSigningKey(key libtrust.PublicKey) bool {
    for _, publicKey := range c.publicKeys {
        if key.KeyID() == publicKey.KeyID() {
            return true
        }
    }
    return false
}

// getAuthorization returns the decoded license authorization
func (c *client) getAuthorization(ctx context.Context, license model.IssuedLicense) ([]byte, error) {
    decoded, err := base64.StdEncoding.DecodeString(license.Authorization)
    return decoded, errors.Wrapf(err, errors.Fields{
        "key_id": keyID,
    }, "decode signature failed")
}
if err != nil {
    return nil, errors.Wrap(err, errors.Fields{
            "key_id": license.KeyID,
        }, "decoding license authorization failed")
} return decoded, nil

// All of the functions in this file assume that they are receiving a properly
// formatted private key.

// checkToken performs a MAC algorithm (where token is generated by hashing the
// message with the privateKey via GenerateToken) with the purpose of authenticating
// the validity of both the message and the private key of the person who generated
// the token.
func checkToken(message, token, privateKey string) error {
tokenBytes, err := base64.URLEncoding.DecodeString(token)
if err != nil {
    return errors.Wrap(err, errors.Fields{"token": token})
}
generatedToken, err := generateToken(message, privateKey)
if err != nil {
    return errors.Wrap(err, errors.Fields{"token": token})
}
generatedBytes, err := base64.URLEncoding.DecodeString(generatedToken)
if err != nil {
    return errors.Wrap(err, errors.Fields{"token": token})
}
if !hmac.Equal(tokenBytes, generatedBytes) {
    return errors.Forbidden(errors.Fields{"token": token}, "invalid token")
}
return nil

// generateToken generates a hash of the message with the privateKey via the
// sha256 algorithm.
func generateToken(message, privateKey string) (string, error) {
    key, err := base64.URLEncoding.DecodeString(privateKey)
    if err != nil {
        return "", errors.Wrap(err, errors.Fields{"msg": message})
    }
    h := hmac.New(sha256.New, New(key))
h.Write([]byte(message))
return base64.URLEncoding.EncodeToString(h.Sum(nil)), nil
}

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package model

import "time"

// A CheckResponse is the internal content of the PublicCheckResponse signed json blob.
type CheckResponse struct {
    Expiration  time.Time `json:"expiration"`
    Token       string    `json:"token"`
    MaxEngines  int       `json:"maxEngines"`
    ScanningEnabled bool    `json:"scanningEnabled"`
    Type        string    `json:"licenseType"`
    Tier        string    `json:"tier"`
}

// IssuedLicense represents an issued license
type IssuedLicense struct {
    KeyID         string `json:"key_id"`
    PrivateKey    string `json:"private_key"`
    Authorization string `json:"authorization"`
}

// Valid returns true if the License is syntactically valid, false otherwise
func (l *IssuedLicense) Valid() (bool, string) {
    if l.KeyID == "" {
        return false, "empty key_id"
    }
    if l.PrivateKey == "" {
        return false, "empty private_key"
    }
    if l.Authorization == "" {
        return false, "empty authorization"
    }
    return true, ""
}

package formatter

import {
    "bytes"
    "encoding/json"
    "strings"
    "testing"
    "time"
func TestSubscriptionContextWrite(t *testing.T) {
    cases := []struct {
        context  Context
        expected string
    }{
        // Errors
        {
            Context{Format: "{{InvalidFunction}}"},
            `Template parsing error: template: :1: function "InvalidFunction" not defined
            
            `, 
        },
        {
            Context{Format: "{{nil}}"},
            `Template parsing error: template: :1:2: executing "" at <nil>: nil is not a command
            
            `, 
        },
        // Table format
        {
            Context{Format: NewSubscriptionsFormat("table", false)},
            `NUM    OWNER       PRODUCT ID          EXPIRES                         PRICING COMPONENTS
1     owner1   productid1    2020-01-01 10:00:00 +0000 UTC   compstring
2     owner2   productid2    2020-01-01 10:00:00 +0000 UTC   compstring
            
            `, 
        },
        {
            Context{Format: NewSubscriptionsFormat("table", true)},
            `1:License Name: name1Quantity: 10 nodesExpiration date: 2020-01-01
2:License Name: name2Quantity: 20 nodesExpiration date: 2020-01-01
            
            `, 
        },
        {
            Context{Format: NewSubscriptionsFormat("table {{.Owner}}", false)},
            `OWNER
owner1
owner2
            
            `, 
        },
        {
            Context{Format: NewSubscriptionsFormat("table {{.Owner}}", true)},
            `OWNER
owner1
owner2
            
            `, 
        }
    }
}
// Raw Format
{
  Context{Format: NewSubscriptionsFormat("raw", false)},
  `license: id1
  name: name1
  owner: owner1
  components: compstring

  license: id2
  name: name2
  owner: owner2
  components: compstring

  .
  },
}
{
  Context{Format: NewSubscriptionsFormat("raw", true)},
  `license: id1
  license: id2
  `.}

// Custom Format
{
  Context{Format: NewSubscriptionsFormat("{{.Owner}}", false)},
  `owner1
  owner2
  `.}
}

expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")

for _, testcase := range cases {
  subscriptions := []licenseutils.LicenseDisplay{
    {
      Num: 1,
      Owner: "owner1",
      Subscription: model.Subscription{
        ID: "id1",
        Name: "name1",
        ProductID: "productid1",
        Expires: &expiration,
        PricingComponents: model.PricingComponents{
          &model.SubscriptionPricingComponent{
            Name: "nodes",
            Value: 10,
          }
        }
      }
    }
  }
}
func TestSubscriptionContextWriteJSON(t *testing.T) {
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")
subsections := []licenseutils.LicenseDisplay{
{
Num: 1,
Owner: "owner1",
Subscription: model.Subscription{
ID: "id1",
Name: "name1",
ProductID: "productid1",
Expires: &expiration,
PricingComponents: model.PricingComponents{
&model.SubscriptionPricingComponent{
Name: "nodes",
Value: 20,
},
},
ComponentsString: "compstring",
},
out := &bytes.Buffer{}
testcase.context.Output = out
err := SubscriptionsWrite(testcase.context, subsections)
if err != nil {
assert.Error(t, err, testcase.expected)
} else {
assert.Check(t, is.Equal(testcase.expected, out.String()))
}
}

func TestSubscriptionContextWriteJSON(t *testing.T) {
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")
subsections := []licenseutils.LicenseDisplay{
{
Num: 2,
Owner: "owner2",
Subscription: model.Subscription{
ID: "id2",
Name: "name2",
ProductID: "productid2",
Expires: &expiration,
PricingComponents: model.PricingComponents{
&model.SubscriptionPricingComponent{
Name: "nodes",
Value: 20,
},
},
ComponentsString: "compstring",
},
out := &bytes.Buffer{}
testcase.context.Output = out
err := SubscriptionsWrite(testcase.context, subsections)
if err != nil {
assert.Error(t, err, testcase.expected)
} else {
assert.Check(t, is.Equal(testcase.expected, out.String()))
}
}
Value: 10,
},
},
,
ComponentsString: "compstring",
},
{
Num: 2,
Owner: "owner2",
Subscription: model.Subscription{
ID: "id2",
Name: "name2",
ProductID: "productid2",
Expires: &expiration,
PricingComponents: model.PricingComponents{
&model.SubscriptionPricingComponent{
Name: "nodes",
Value: 20,
},
},
},
ComponentsString: "compstring",
},
}
expectedJSONs := []map[string]interface{}{
{
"Owner": "owner1",
"ComponentsString": "compstring",
"Expires": "2020-01-01T10:00:00Z",
"DockerID": 
"Eusa": nil,
"ID": "id1",
"Start": nil,
"Name": "name1",
"Num": float64(1),
"PricingComponents": []interface{}{
map[string]interface{}{
"name": "nodes",
"value": float64(10),
},
},
"ProductID": "productid1",
"ProductRatePlan": 
"ProductRatePlanID": 
"State": 
"Summary": "License Name: name1\tQuantity: 10 nodes\tExpiration date: 2020-01-01",
},
}
"Owner": "owner2",
"ComponentsString": "compstring",
"Expires": "2020-01-01T10:00:00Z",
"DockerID": "",
"Eusa": nil,
"ID": "id2",
"Start": nil,
"Name": "name2",
"Num": float64(2),
"PricingComponents": []interface{}{
  map[string]interface{}{
    "name": "nodes",
    "value": float64(20),
  },
},
"ProductID": "productid2",
"ProductRatePlan": "",
"ProductRatePlanID": "",
"State": "",
"Summary": "License Name: name2
Quantity: 20 nodes
Expiration date: 2020-01-01",
}
}

out := &bytes.Buffer{
}
err := SubscriptionsWrite(Context{Format: "{{json .}}", Output: out}, subscriptions)
if err != nil {
  t.Fatal(err)
}
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
  var m map[string]interface{}
  if err := json.Unmarshal([]byte(line), &m); err != nil {
    t.Fatal(err)
  }
  assert.Check(t, is.DeepEqual(expectedJSONs[i], m))
}

func TestSubscriptionContextWriteJSONField(t *testing.T) {
  subscriptions := []licenseutils.LicenseDisplay{
    {Num: 1, Owner: "owner1"},
    {Num: 2, Owner: "owner2"},
  }
  out := &bytes.Buffer{
  }
  err := SubscriptionsWrite(Context{Format: "{{json .Owner}}", Output: out}, subscriptions)
  if err != nil {
    t.Fatal(err)
  }
  for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
    var m map[string]interface{}
    if err := json.Unmarshal([]byte(line), &m); err != nil {
      t.Fatal(err)
    }
    assert.Check(t, is.DeepEqual(expectedJSONs[i], m))
  }
}
var s string
if err := json.Unmarshal([]byte(line), &s); err != nil {
t.Fatal(err)
}
assert.Check(t, is.Equal(subscriptions[i].Owner, s))
}
}
Looking for existing licenses for ...

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<th>EXPIRES</th>
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1.421 shadow 4.2-3.1ubuntu5.4

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1.431 ipvsadm 1.28-3ubuntu0.16.04.1
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ipvsadm is a utility to administer the IP virtual server services offered by the Linux kernel with IP virtual server support.

This version of ipvsadm requires IPVS module v0.0.5 for kernel 2.4 or later. Check out the Linux Virtual Server Project home page on the World Wide Web:
http://www.LinuxVirtualServer.org/
or
http://www.Linux-VS.org/
for the most recent information and original sources about ipvsadm.

To make, make sure your Linux kernel is already patched with IPVS and "make menuconfig" or "make xconfig" to setup the right compiling options, see the README of the virtual server patch for detail, then simply type make
in the source directory.

Install to your liking. We suggest the following pathnames:
/sbin/ipvsadm
/usr/man/man8/ipvsadm.8
This will be done automatically when calling make install
in the source directory.

Wensong Zhang <wensong@linuxvirtualserver.org>

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2006-Jan-27

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1.434 go-simplejson 0.38.0

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1.435 metrics-httpclient 3.1.2

1.436 jdiameter-api 1.5.9.0

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0.0~git20151015.0.d31f7b9-1

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CAST128
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SHA224, SHA256, SHA384, and SHA512
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include/GL/glx.h :

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A copy of the Oracle modified GStreamer library source code is located in the following OpenJDK git repository:

https://github.com/openjdk/jfx

You can use git to clone the repository or you can browse the source using a web browser. The root directory of the GStreamer source code is here:

    rt/modules/javafx.media/src/main/native/gstreamer/gstreamer-lite/

```
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```

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## Dynalink v.5

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rt/modules/javafx.web/src/main/native/

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```

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 *
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 *
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 */
package org.jfree.ui.about;

/**
 * A simple class representing a contributor to a software project.
 * <p>
 * Used in the AboutFrame class.
 * <p>
 * @author David Gilbert
 */
public class Contributor {

    /** The name. */
    private String name;

    /*
    * Changes
    * ------
    * 10-Dec-2001 : Version 1 (DG);
    * 28-Feb-2002 : Moved into package com.jrefinery.ui.about (DG);
    * 08-Oct-2002 : Fixed errors reported by Checkstyle (DG);
    */

    /*
    * Contributor.java
    */

    /*
    * (C) Copyright 2001-2004, by Object Refinery Limited.
    * <p>
    * Original Author: David Gilbert (for Object Refinery Limited);
    * Contributor(s): -;
    */

    /*
    * $Id: Contributor.java,v 1.4 2005/11/16 15:58:41 taqua Exp $
    */

}
/** The e-mail address. */
private String email;

/**
* Creates a new contributor.
*
* @param name  the name.
* @param email  the e-mail address.
*/
public Contributor(final String name, final String email) {
    this.name = name;
    this.email = email;
}

/**
* Returns the contributor's name.
*
* @return the contributor's name.
*/
public String getName() {
    return this.name;
}

/**
* Returns the contributor's e-mail address.
*
* @return the contributor's e-mail address.
*/
public String getEmail() {
    return this.email;
}

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*
* Original Author: David Gilbert (for Object Refinery Limited);
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*
* $Id: Licences.java,v 1.4 2005/11/16 15:58:41 taqua Exp$
*
* Changes
* -------
* 26-Nov-2001 : Version 1 (DG);
* 29-Jan-2002 : Appended the instructions to the end of the GNU LGPL and GPL to comply with
* GNU requirements (DG);
* 28-Feb-2002 : Moved to package com.jrefinery.ui.about (DG);
* 08-Oct-2002 : Fixed errors reported by Checkstyle (DG);
*
*/

package org.jfree.ui.about;

/**
 * Contains the full texts of the GNU General Public Licence and the GNU Lesser General Public
 * Licence.
 * <p>
 * These are used in the presentation of a standard 'About' frame.
 *
 * @author David Gilbert
 */
public class Licences {

    /** The GNU General Public Licence. */
    public static final String GPL = "GNU GENERAL PUBLIC LICENSE
" + "Version 2, June 1991"
"
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That's all there is to it!

/** The singleton instance of this class. */
private static Licences singleton;

/**
 * Returns a reference to this class.
 * @return the instance reference.
 */
public static Licences getInstance() {
if (singleton == null) {
    singleton = new Licences();
}
return singleton;

/**
 * Returns the GPL text in a non static way to prevent the compiler
 * to copy the contents of the field.
 * 
 * @return the GPL licence text.
 */
public String getGPL() {
    return GPL;
}

/**
 * Returns the LGPL text in a non static way to prevent the compiler
 * to copy the contents of the field.
 * 
 * @return the LGPL licence text.
 */
public String getLGPL() {
    return LGPL;
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
* nicstar,c, M. Welsh (matt.welsh@cl.cam.ac.uk)
* *
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
*interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
*and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
*loss of link, and correctly re-enable PHY when link is
*re-established. (put back CFG_PHYIE)
* *
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
* *
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
* */
Linux driver for the IDT77201 NICStAR PCI ATM controller.
PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
see init_nicstar() for PHY initialization to change this. This driver
expects the Linux ATM stack to support scatter-gather lists
(skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

* Implementing minimal-copy of received data:
  * IDT always receives data into a small buffer, then large buffers
  * as needed. This means that data must always be copied to create
  * the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
  * Fix is simple: make large buffers large enough to hold entire
  * SDU, and leave <small_buffer_data> bytes empty at the start. Then
  * copy small buffer contents to head of large buffer.
  * Trick is to avoid fragmenting Linux, due to need for a lot of large
  * buffers. This is done by 2 things:
    * 1) skb->destructor / skb->atm.recycle_buffer
       combined, allow nicstar_free_rx_skb to be called to
       recycle large data buffers
    * 2) skb_clone of received buffers
  * See nicstar_free_rx_skb and linearize_buffer for implementation
  * details.

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* M. Welsh, 6 July 1996
*/

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Michael Holzt <kju@debian.org>
for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

Martin Schaller <martin@smurf.franken.de>
for patching the cable card decoder driver

Klaus Schmidinger <Klaus.Schmidinger@cadsoft.de>
for various fixes regarding tuning, OSD and CI stuff and his work on VDR

Steve Brown <sbrown@cortland.com>
for his AFC kernel thread

Christoph Martin <martin@uni-mainz.de>
for his LIRC infrared handler

Andreas Oberritter <obi@linuxtv.org>
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Wolfram Joost <dbox2@frokaschwei.de>
...and all the other dbox2 people

for many bugfixes in the generic DVB Core, frontend drivers and
their work on the dbox2 port of the DVB driver

Oliver Endriss <o.endriss@gmx.de>
for many bugfixes

Andrew de Quincey <adq_dvb@lidskialf.net>
for the tda1004x frontend driver, and various bugfixes

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Vadim Catana <skystar@moldova.cc>
Roberto Ragusa <r.ragusa@libero.it>
Augusto Cardoso <augusto@carhil.net>
for all the work for the FlexCopII chipset by B2C2,Inc.

Davor Emard <emard@softhome.net>
for his work on the budget drivers, the demux code,
the module unloading problems, ...

Hans-Frieder Vogt <hfvogt@arcor.de>
for his work on calculating and checking the crc's for the
TechnoTrend/Hauppauge DEC driver firmware

Michael Dreher <michael@5dot1.de>
Andreas ’randy’ Weinberger
for the support of the Fujitsu-Siemens Activy budget DVB-S

Kenneth Aafly <ke-aa@frisurf.no>
for adding support for Typhoon DVB-S budget card

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Michael Krufky <mkrufky@linuxtv.org>
for maintaining v4l/dvb inter-tree dependencies

Taylor Jacob <rtjacob@earthlink.net>
for the nxt2002 frontend driver

Jean-Francois Thibert <jeanfrancois@sagetv.com>
for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>
for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a
line to the DVB mailing list)

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1.444 activemq-camel 5.9.0

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1.447 openssl 1.0.2k
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1.448 gorilla 1.1.8

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* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/time/DurationMaxValidator.java
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* /opt/cola/permits/110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2.jar/org/hibernate/validator/internal/package-info.java
* /opt/cola/permits/110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2.jar/org/hibernate/validator/validator/constraints/ScriptAssert.java
* /opt/cola/permits/110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2.jar/org/hibernate/validator/internal/engine/valueextraction[Byte Array Value Extractor.java
* /opt/cola/permits/110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/AbstractDecimalMinValidator.java

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Found in path(s):
* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-
  jar/org/hibernate/validation/internal/util/TypeHelper.java

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 */

<p>
A method-level constraint, that evaluates a script expression against the
annotated method or constructor. This constraint can be used to implement
validation routines that depend on several parameters of the annotated
executable.
</p>

<p>
Script expressions can be written in any scripting or expression language,
for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>
("Scripting for the Java<sup>TM</sup> Platform") compatible engine can be
found on the classpath. To refer to a parameter within the scripting
expression, use its name as obtained by the active
[@link javax.validation.ParameterNameProvider]. By default, {@code arg0}, {@code arg1} etc.
will be used as parameter names.
</p>

<p>
The following listing shows an example using the JavaScript engine which
comes with the JDK:
</p>
* { @code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }  
* </pre>  
* </p>  
* Can be specified on any method or constructor.  
* </p>  
*  
* @author Gunnar Morling  
*/

Found in path(s):
* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-jar/org/hibernate/validator/constraints/ParameterScriptAssert.java

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Found in path(s):
* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-jar/META-INF/validation-mapping-1.0.xsd
* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-jar/META-INF/validation-mapping-2.0.xsd
* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-jar/META-INF/validation-mapping-1.1.xsd
* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-jar/META-INF/validation-configuration-2.0.xsd
* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-jar/META-INF/validation-configuration-1.0.xsd
* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-jar/META-INF/validation-configuration-1.1.xsd
* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-jar/org/hibernate/validator/overview.html

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Found in path(s):
* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-
  jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java
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*/
/ */
/ */
* Retrieves constraint related meta data for the parameters of the given
* executable.
* 
* @param executable The executable of interest.
* 
* @return A list with parameter meta data for the given executable.
*/

Found in path(s):
* /opt/cola/permits/1110738895_1606847116.99/0/hibernate-validator-6-0-20-final-sources-2-
  jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java

1.450 commons-codec 1.6

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1.451 apr 1.5.2 3

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From strings/apr_fnmatch.c, include/apr_fnmatch.h, misc/unix/getopt.c, 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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1.459 xmlsec 1.2.20-2ubuntu4

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1.460 libvmtools 10.2.0 3~ubuntu0.16.04.1

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```bash
>>> freebsd-base64-4.8

base64.c -- routines to encode/decode base64 data
SOpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp $ / 
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>>> unicode-5.0

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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/reflect/Sample.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/Mnemonic.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/ast/CondExpr.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/AttributeInfo.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/AccessFlag.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/ast/CondExpr.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/ast/Conditional.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/ast/Expression.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/ast/Assignment.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/ast/Variable.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/rmi/Sample.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/reflect/Reflection.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/CtMethod.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/ConstPool.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/LocalVariableTypeAttribute.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/convert/TransformNew.java
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* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/CodeIterator.java
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* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/JvstTypeChecker.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/ClassPoolTail.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/Parser.java
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* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/LocalVariableAttribute.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/scopedpool/ScopedClassPool.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolFactory.java
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* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/LineNumberAttribute.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/analysis/Analyzer.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/scopedpool/ScopedClassPool.java
* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolFactory.java
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jar/javassist/compiler/ast/ArrayInit.java
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jar/javassist/tools/reflect/Loader.java
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jar/javassist/util/proxy/SecurityActions.java
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jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-
jar/javassist/bytecode/annotation/MemberValueVisitor.java
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jar/javassist/bytecode/annotation/ArrayMemberValue.java
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jar/javassist/bytecode/annotation/EnumMemberValue.java
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jar/javassist/bytecode/annotation/Annotation.java
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jar/javassist/bytecode/annotation/FloatMemberValue.java
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jar/org/caffinitas/ohc/linked/OffHeapMap.java
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jar/org/caffinitas/ohc/tables/OffHeapMap.java
* /opt/cola/permits/1138377079_1614280778.2/0/ohc-core-0-4-2-sources-1-
jar/org/caffinitas/ohc/tables/BufferedWritableByteChannel.java
* /opt/cola/permits/1138377079_1614280778.2/0/ohc-core-0-4-2-sources-1-
jar/org/caffinitas/ohc/linked/BufferedWritableByteChannel.java

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* /opt/cola/permits/1138377079_1614280778.2/0/ohc-core-0-4-2-sources-1-
jar/org/caffinitas/ohc/alloc/UnsafeAllocator.java
* /opt/cola/permits/1138377079_1614280778.2/0/ohc-core-0-4-2-sources-1-
jar/org/caffinitas/ohc/histo/EstimatedHistogram.java
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jar/org/caffinitas/ohc/alloc/IAllocator.java

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beginTransaction()
---
include/GL/gl.h:

Mesa 3-D graphics library

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beginTransaction()
---
include/GL/glext.h
include/GL/glxext.h
include/GL/wglext.h:
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## DOM Level 3 Core Specification v1.0

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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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### 1.477 cracklib 2.9.2 1ubuntu1

#### 1.477.1 Available under license:

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

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

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

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan
=20
==========================================================================
Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> =-mike
Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML
On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.

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

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir=20
applications are also GPL-2 which imo is just wrong. it isn't the place of =
a=20
library to dictact to application writes what license they should be using.=
=20
thus LGPL-2.1 enters to fill this void.
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan
=20
------------------------------------------------------------
Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
To: Neulinger, Nathan
Cc: cracklib-devel@li...; Alec Muffett
Subject: Re: [Cracklib-devel] cracklib license

On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.

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

unlike the old license, GPL-2 prevents people from using cracklib unless their applications are also GPL-2 which imo is just wrong. it isn't the place of a library to dictate to application writes what license they should be using.
thus LGPL-2.1 enters to fill this void.

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

I am sympathetic. Guys, what do you reckon?

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

-a
Re: [Cracklib-devel] cracklib license  
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04  
I would like to see it under LGPL as well. I think it is in everyone’s  
best interests to have as secure systems as possible, and I think tainting  
it via GPL will just make it less likely that the library gets used, and  
will not usually cause companies/developers to GPL the dependent code  
(where it is not already GPL).  

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

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

Re: [Cracklib-devel] cracklib license  
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32  
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:  
> > Seems like the ideal thing here would be for you and the other distro  
> > maintainers to get together with Alec in a conversation and come to a  
> > decision as to what licensing scheme y'all want. I haven't really done  
> > much other than cleaning up the packaging and patches and a small  
> > bit of  
> > additional code, so whatever licensing y'all come up with is fine  
> > by me.  
> >  
> > I am sympathetic. Guys, what do you reckon?  
> >  
> > What I am hearing so far is that LGPL makes sense, since it can be  
> > linked with any code, not just GPL....  

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

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

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

Cheers,  

Nalin
Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > > > Seems like the ideal thing here would be for you and the other distro
> > > > maintainers to get together with Alec in a conversation and come to a
> > > > decision as to what licensing scheme y'all want. I haven't really done
> > > > much other than cleaning up the packaging and patches and a small
> > > > bit of
> > > > additional code, so whatever licensing y'all come up with is fine
> > > > by me.
> > >
> > > I am sympathetic. Guys, what do you reckon?
> > >
> > > What I am hearing so far is that LGPL makes sense, since it can be
> > > linked with any code, not just GPL...
> >
> > My apologies for not chiming in in anything resembling a reasonable
> > timeframe.
> >
> > I'd also suggest the LGPL, for the reason you noted above. Alternately,
> > GPLv2 with the option of using the library under a later version of the
> > GPL would permit applications which were released under version 3 of the
> > GPL to use the library, too, which would be sufficient for the packages
> > which are included in Fedora. FWIW, I'd personally lean toward LGPL.
> >
> > In any case, I thank you both for working on sorting this out.

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

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
> the change now ?
>
> yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML
On Sunday 05 October 2008, Alec Muffett wrote:
> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
> > make the change now ?
> >
> > yes, go for it. thanks++

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

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

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

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

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

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

Happy now? :-)

-a
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1.482 go-yaml 0.0+git20160301.0.a83829b-1

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1.483 libedit 3.1-20150325-1ubuntu2

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1.486 openjdk 1.8.0-zing_19.02.1.0-b1

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* @(#)TextArea.java.1.42 98/08/13
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* @(#)DigestInputStream.java.1.29 99/02/09
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* @(#)ClipboardOwner.java.1.3 98/07/01
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* @(#)NoSuchMethodException.java.6 98/07/01
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* @(#)SQLWarning.java.6 98/07/01
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*/
* @@(#)BufferedOutputStream.java.1.21 98/07/01
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*/
* @@(#)BindException.java.1.6 98/07/01
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*/
* @@(#)LocaleElements_fr.java.1.7 98/01/13
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/*
 * @(#)LocaleElements_es_CL.java	1.2 98/01/13
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/
* @(#)InvalidPointerException.java 1.12 99/02/09

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* @(#)MulticastSocket.java 1.19 98/07/01
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* @(#)LocaleElements_fr_FR_EURO.java 1.1 98/07/07
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 * @(#)ActionEvent.java 1.13 98/07/01
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 * @(#)SimpleTimeZone.java 1.19 98/10/22
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/*
 * @(#)LocaleElements_nl_NL_EURO.java	1.1 98/07/07
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/*
 * @(#)LocaleElements_is.java	1.9 98/01/13
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* @(#)KeyEvent.java	1.26 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master.zip/Java-JDK-1.0-src-master/src/java/awt/event/KeyEvent.java

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*
* @(#)Reader.java	1.9 98/07/01
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* @(#)EventDispatchThread.java	1.20 00/02/10
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/*
* @(#)LocaleElements_en_IE.java	1.7 98/01/13
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Found in path(s):
*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_en_IE.java
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/*
 * @(#)ResultSet.java	1.8 98/07/01
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 * @(#)ObjectStreamConstants.java	1.12 98/07/01
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 * @(#)Menu.java	1.41 98/08/21
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/*
 * @(#)UnexpectedException.java 1.4 98/08/12
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master.zip/Java-JDK-1.0-src-master/src/java/rmi/UnexpectedException.java
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/*
 * @(#)ChoicePeer.java 1.8 98/07/01
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/* */
* @(#)WordBreakData.java 1.8 98/01/12
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/* */
* @(#)ScrollPanePeer.java 1.7 98/07/01
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* @(#)CompactCharArray.java 1.9 97/10/28
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/*
* @(#)OutputStream.java 1.15 98/07/01
*
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/*
 * @(#)GZIPInputStream.java 1.15 97/01/20
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/*
 * @(#)StringIndexOutOfBoundsException.java 1.14 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/jdk-1-0-src-master/Java-JDK-1.0-src-master/src/java/awt/event/PaintEvent.java
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Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/jdk-1-0-src-master/Java-JDK-1.0-src-master/src/java/awt/event/DecompositionIterator.java
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* @(#)ComponentEvent.java.15 98/07/01
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* @(#)LocateRegistry.java.1.8 98/07/01
* 
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```

Found in path(s):

```
/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_es_PR.java
```

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```
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 * @(#)LocaleElements_es_PR.java	1.2 98/01/13
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/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_es_PR.java
```
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 * @(#)KeyPairGenerator.java 1.11 98/07/01
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 * @(#)LocaleElements_nl_BE.java 1.6 98/01/13
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master- zip/Java-JDK-1.0-src- master/src/java/text/resources/LocaleElements_sh.java
No license file was found, but licenses were detected in source scan.

/
* @(#)FileOutputStream.java 1.27 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master- zip/Java-JDK-1.0-src- master/src/java/io/FileOutputStream.java
No license file was found, but licenses were detected in source scan.

/
* @(#)CheckboxMenuItemPeer.java 1.5 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master- zip/Java-JDK-1.0-src- master/src/java/awt/peer/CheckboxMenuItemPeer.java
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/*============================================================================
* @(#)Scrollbar.java	1.55 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/Scrollbar.java

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/*============================================================================
* @(#)MergeCollation.java	1.10 97/12/05
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*  
*/

Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/MergeCollation.java
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/*
 * @(#)MarshalException.java 1.4 98/08/12
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/rmi/MarshalException.java
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/*
 * @(#)ObjID.java 1.9 98/12/21
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/rmi/server/ObjID.java
No license file was found, but licenses were detected in source scan.

/*
 * @(#)Random.java 1.17 98/07/01

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Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/awt/Color.java
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/*
* @(#)NoSuchAlgorithmException.java	1.14 98/07/01
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/*
* @(#)SystemColor.java	1.8 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
* %W% %E%
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/*
 * @(#)SocketImplFactory.java	1.9 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/net/SocketImplFactory.java
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/*
 * @(#)DriverPropertyInfo.java	1.6 98/07/01
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/*
 * @(#)IOException.java 1.14 98/07/01
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/*
 * @(#)LocaleElements_de_AT_EURO.java 1.1 98/07/07
 *
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/*
 * @(#)LocaleElements_sl.java 1.9 98/01/13
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_sl.java
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/ *
* @(#)ReplicateScaleFilter.java1.3 98/07/01
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/ *
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/ *
@(#)PlainDatagramSocketImpl.java 1.10 98/07/01
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/*
 * /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_nl.java
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/*
 * @(#)PlainDatagramSocketImpl.java 1.10 98/07/01
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 * /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/net/PlainDatagramSocketImpl.java
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/*
 * @(#)NoSuchFieldError.java 1.5 98/07/01
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/*
 * @(#)Principal.java 1.15 99/02/09
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/*
 * @(#)DateFormatZoneData_es.java 1.5 97/12/05
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/*
* @(#)LayoutManager2.java	1.6 98/07/01
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/*
 * @(#)TextComponent.java	1.35 98/12/04
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/*
 * @(#)SecurityManager.java	1.50 98/08/17
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/*
 * @(#)SQLException.java	1.6 98/07/01
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/*
 * @(#)FileDescriptor.java	1.11 98/07/01
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/*
 * @(#)IllegalArgumentException.java	1.13 98/07/01
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/*
 * MenuComponent.java 1.29 98/08/21
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/*
 * LightweightPeer.java 1.3 98/07/01
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 * InputStream.java 1.22 98/07/01
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/*
* @(#)LocaleElements_it.java 1.6 98/01/13
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/*
* @(#)FocusEvent.java 1.15 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master.zip/Java-JDK-1.0-src-master/src/java/rmi/dgc/VMID.java
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/*
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Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master.zip/Java-JDK-1.0-src-master/src/java/net/ConnectException.java
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/*
 * @(#)ConnectException.java 1.6 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master.zip/Java-JDK-1.0-src-master/src/java/lang/ConnectException.java
No license file was found, but licenses were detected in source scan.

/*
 * @(#)WriteAbortedException.java 1.4 98/07/01
 *
Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master/zip/Java-JDK-1.0-src-master/src/java/awt/image/IndexColorModel.java
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/*
* @(#)StubNotFoundException.java 1.4 98/08/12
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master/zip/Java-JDK-1.0-src-master/src/java/rmi/StubNotFoundException.java
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/*
* @(#)LocaleElements_en_IE_EURO.java 1.1 98/07/07
* 
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*/

Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master/zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_en_IE_EURO.java
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/*
* @(#)File.java 1.53 98/10/06
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Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/io/File.java
No license file was found, but licenses were detected in source scan.

*/
* @(#)Constructor.java.14 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/lang/reflect/Constructor.java
No license file was found, but licenses were detected in source scan.

*/
* @(#)Character.java.46 99/01/22
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/lang/Character.java
No license file was found, but licenses were detected in source scan.

*/
* @(#)ImageFilter.java.18 98/07/01
*
No license file was found, but licenses were detected in source scan.

/*
 * @(#)LocaleElements_iw.java 1.6 98/01/13
 *
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-
master/src/java/text/resources/LocaleElements_iw.java

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/*
 * @(#)IllegalAccessError.java 1.9 98/07/01
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*/
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/IllegalAccessError.java

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/*
* @(#)LocaleElements_uk.java 1.10 98/01/13
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Found in path(s):
*/
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_uk.java

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/ *
* @(#)DatagramPacket.java 1.13 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/net/DatagramPacket.java
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/*
* @(#)StringBufferInputStream.java1.17 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/io/StringBufferInputStream.java
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/*
* @(#)UnknownHostException.java	1.8 98/07/01
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  */opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/net/UnknownHostException.java
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/*
 * ObjectInputStream.java 1.41 98/07/09
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/*
 * ByteArrayInputStream.java 1.22 98/07/01
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/*
 * DateFormatZoneData_sq.java 1.5 97/12/05
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 * (C) Copyright IBM Corp. 1996 - All Rights Reserved
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/*
 * @(#)DateFormatZoneData_mk.java 1.4 97/12/05
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 */

Found in path(s):
/.../java-jdk-1.0-src-master/src/java/text/resources/DateFormatZoneData_mk.java

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/*
 * @(#)CollationRules.java 1.16 98/07/07
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-  
  zip/Java-JDK-1.0-src-master/src/java/text/CollationRules.java  
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/*  
* @(#)FileReader.java 1.5 98/07/01  
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  zip/Java-JDK-1.0-src-master/src/java/io/FileReader.java  
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/*  
* @(#)LocaleElements_de_CH.java 1.11 98/01/13  
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master/src/java/text/resources/LocaleElements_de_CH.java

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/*
* @(#)EventListener.java 1.5 98/07/01
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master/src/sunw/sunw/util/EventListener.java
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/*
 * @(#)CompactShortArray.java 1.9 97/10/28
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/*
 * @(#)InputStreamReader.java 1.13 98/07/01
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/**
 * @(#)MenuBarPeer.java 1.7 98/07/01
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/**
 * @(#)NoSuchObjectException.java 1.4 98/08/12
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/**
 * @(#)AreaAveragingScaleFilter.java 1.4 98/07/01
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/*
* @(#)Signature.java.1.49 98/07/01
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/
* @(#)ClassFormatError.java1.13 98/07/01
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Found in path(s):
*/
*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/ClassFormatError.java
No license file was found, but licenses were detected in source scan.

/*
* @(#)CharacterIterator.java	1.7 97/01/20
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*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/CharacterIterator.java
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* @(#)LocaleElements_de_AT.java 1.9 98/01/13
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_de_AT.java
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/*
* @(#)NoClassDefFoundError.java 1.13 98/07/01
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/*
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 */
* <code>DateFormatSymbols</code> is a public class for encapsulating
* localizable date-time formatting data, such as the names of the
* months, the names of the days of the week, and the time zone data.
* <code>DateFormat</code> and <code>SimpleDateFormat</code> both use
* <code>DateFormatSymbols</code> to encapsulate this information.
* 
* Typically you shouldn't use <code>DateFormatSymbols</code> directly.
* Rather, you are encouraged to create a date-time formatter with the
* <code>DateFormat</code> class's factory methods: <code>getTimeInstance</code>,
* <code>getDateInstance</code>, or <code>getDateTimeInstance</code>. These
* methods automatically create a <code>DateFormatSymbols</code> for
* the formatter so that you don't have to. After the
* formatter is created, you may modify its format pattern using the
* <code>setPattern</code> method. For more information about
* creating formatters using <code>DateFormat</code>’s factory methods,
* see <a href="java.text.DateFormat.html"><code>DateFormat</code></a>.
* 
* If you decide to create a date-time formatter with a specific
* format pattern for a specific locale, you can do so with:
* <blockquote>
* new SimpleDateFormat(aPattern, new DateFormatSymbols(aLocale)).
* </pre>
* </blockquote>
* 
* <p>
* <code>DateFormatSymbols</code> objects are clonable. When you obtain
* a <code>DateFormatSymbols</code> object, feel free to modify the
* date-time formatting data. For instance, you can replace the localized
* date-time format pattern characters with the ones that you feel easy
* to remember. Or you can change the representative cities
* to your favorite ones.
* 
* <p>
* New <code>DateFormatSymbols</code> subclasses may be added to support
* <code>SimpleDateFormat</code> for date-time formatting for additional locales.

* @see       DateFormat
* @see       SimpleDateFormat
* @see       java.util.SimpleTimeZone
* @version   1.20 01/12/98
* @author    Chen-Lieh Huang
* /

Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/DateFormatSymbols.java
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/*
* @(#)UnicastRemoteObject.java	1.12 98/08/12
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/rmi/server/UnicastRemoteObject.java
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 * @(#)GridBagConstraints.java	1.11 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/GridBagConstraints.java

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 * @(#)LinkageError.java	1.6 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/LinkageError.java

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 * @(#)Owner.java	1.9 98/07/01
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/*
* @(#)Container.java1.156 99/03/16
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/*
* @(#)PipedWriter.java1.6 98/07/01
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/
* @(#)ObjectStreamField.java 1.10 98/07/01
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/*/ 
* @(#)OutputStreamWriter.java 1.12 98/12/14 
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/*/ 
* @(#)UnknownError.java 1.6 98/07/01
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* @(#)SimpleBeanInfo.java 1.18 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/beans/SimpleBeanInfo.java
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 * @(#)DateFormatZoneData_ko.java 1.4 97/12/05
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*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_ko.java
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*/
* @(#)FileDialogPeer.java 1.5 98/07/01
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* @(#)StreamCorruptedException.java 1.5 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/WordBreakTable.java

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* @(#)DateFormatZoneData_en_GB.java 1.6 98/01/12
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/src/java/text/resources/DateFormatZoneData_en_GB.java

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 * @(#)TextListener.java.1.3 98/07/01
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/*
* @(#)CanvasPeer.java.5 98/07/01
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/*
* @(#)RMISecurityManager.java.13 98/09/02
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No license file was found, but licenses were detected in source scan.

/*
* @(#)KeyAdapter.java	1.7 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/event/KeyAdapter.java
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/*
* @(#)CheckedOutputStream.java	1.9 96/11/23
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/*
* @(#)PlainSocketImpl.java 1.26 98/07/01
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/*
* @(#)Calendar.java 1.36 00/02/10
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/*
 * @(#)FilteredImageSource.java 1.18 98/07/01
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/*
 * @(#)ThreadGroup.java 1.36 99/01/22
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/*
 * @(#)ClassNotFoundException.java 1.4 98/07/01
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Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/ClassNotFoundException.java

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/*
 * @(#)KeyPair.java 1.6 99/02/09
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/security/KeyPair.java

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*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-
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/ *
* @(#)AWTEventMulticaster.java.13 98/07/01
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/ *
* @(#)BufferedReader.java.12 98/07/01
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master/src/java/io/BufferedReader.java
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/*
 * @(#)String.java 1.87 99/01/22
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/String.java

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/*
 * @(#)AclEntry.java 1.9 98/07/01
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/*
 * @(#)RandomAccessFile.java 1.34 98/07/01
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/ *
* @(#)ColorModel.java 1.13 98/07/01
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/ *
* @(#)BeanInfo.java 1.19 98/07/01
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/*
 * @(#)EventQueue.java 1.23 98/12/10
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/*
 * @(#)LocaleElements_de_LU_EURO.java 1.1 98/07/07
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_de_LU_EURO.java

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/*
 * @(#)CollationElementIterator.java 1.16 98/10/07
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/*
* @(#)IllegalThreadStateException.java 1.14 98/07/01
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* @(#)TextFieldPeer.java 1.8 98/07/01
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* @(#)RegistryHandler.java 1.3 98/07/01
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* @(#)ComponentListener.java 1.7 98/07/01
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* @(#)CollationKey.java 1.4 97/01/28
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* @(#)Polygon.java 1.18 98/07/01
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* @(#)UnsupportedEncodingException.java	1.7 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/io/UnsupportedEncodingException.java
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 * @(#)Key.java 1.31 98/07/01
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/*
 * @(#)Inflater.java 1.19 98/08/20
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* @(#)SecureRandom.java 1.19 98/08/06
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* @(#)Utility.java 1.5 98/01/12
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/*
* @(#)ArithmeticException.java1.15 98/07/01
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/*
* @(#)KeyListener.java1.7 98/07/01
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/*
 * @(#)LocaleElements_hu.java 1.9 98/01/13
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/*
 * @(#)ByteArrayOutputStream.java 1.24 98/07/01
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*/
* @{$(#)DSAKey.java}1.7 99/02/09
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*/
* @{$(#)FilenameFilter.java}1.15 98/07/01
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*/
* @{$(#)DateFormatZoneData_fr_BE.java}1.5 97/12/05
*/
* @(#)LastOwnerException.java 1.7 98/07/01
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*/
* @(#)DateFormatZoneData_be.java 1.5 97/12/05
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*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_be.java
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/*
* @(#)LabelPeer.java 1.8 98/07/01
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* @(#)LocaleElements_fi.java 1.7 98/01/13
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/*
 * @(#)LocaleElements_es_VE.java	1.2 98/01/13
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master/src/java/text/resources/LocaleElements_es_VE.java
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/*
 * @(#)UnsupportedFlavorException.java 1.4 98/07/01
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/*
 * @(#)CloneNotSupportedException.java 1.4 98/07/01
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 * @(#)DateFormatZoneData_de.java 1.5 97/12/05
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* @(#)LocaleElements_it_IT_EURO.java 1.2 98/10/09
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* @(#)DateFormatZoneData_zh.java 1.4 97/12/05
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/*
 * @(#)LocaleElements_no.java 1.8 98/01/13
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/
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)WindowPeer.java 1.4 98/07/01
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/*
 * @(#)HttpURLConnection.java 1.10 98/07/01
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/*
 * @(#)Visibility.java 1.6 98/07/01
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/*
* @(#)ObjectInputValidation.java 1.9 98/07/01
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/*
* @(#)Runtime.java 1.28 00/04/06
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/Java-JDK-1.0-src-master/src/java/lang/Runtime.java
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/*
 * @(#)Format.java 1.15 97/02/12
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/*
 * @(#)DSAPublicKey.java 1.8 99/02/09
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No license file was found, but licenses were detected in source scan.

/*
* @$(#)ZipException.java.5 96/11/23
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/*
* @$(#)IllegalAccessException.java.4 98/07/01
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Found in path(s):
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/*
 * @(#)Void.java 1.4 98/07/01
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/*
 * @(#)MalformedURLException.java 1.9 98/07/01
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/*
 * @(#)MenuBar.java 1.38 98/08/21
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/*
 * @(#)DateFormatZoneData_de_AT.java	1.4 97/12/05
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/*
 * @(#)SocketOutputStream.java 1.12 98/07/01
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/*
 * @(#)Registry.java 1.6 98/07/01
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/*
 * @(#)FilterOutputStream.java 1.16 98/07/01
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/*
* @(#)LocaleElements_da.java 1.7 98/01/13
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/*
* @(#)DateFormatZoneData_bg.java 1.5 97/12/05
*/
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/* *
 * @(#)ZipEntry.java 1.18 97/01/24
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/*
 * @(#)IllegalComponentStateException.java	1.4 98/07/01
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/*
 * @(#)NumberFormatException.java	1.12 98/07/01
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/*
 * @(#)Transferable.java	1.4 98/07/01
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 * @(#)IntrospectionException.java	1.7 98/07/01
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 * @(#)StringWriter.java	1.6 98/07/01
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* @(#)LocaleElements_es_PY.java 1.2 98/01/13
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/ *
* @(#)PipedOutputStream.java 1.15 98/07/01
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*/
* @(#)MouseMotionListener.java 1.3 98/07/01
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* @(#)ItemEvent.java 1.14 98/07/01
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/*
* @(#)ServerRef.java 1.5 98/08/12
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/rmi/server/ServerRef.java
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/*
* @(#)IdentityScope.java 1.34 98/07/01
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/*
 * @(#)LocaleElements_es_PE.java	1.2 98/01/13
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_es_PE.java
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/*
 * @(#)URLConnection.java	1.33 98/08/17
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  master/src/java/text/resources/LocaleElements_fr_BE.java
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/*
* @(#)Customizer.java 1.12 98/07/01
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  master/src/java/beans/Customizer.java
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/*
* @(#)PipedInputStream.java 1.19 98/07/01
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*/
@(#)EventObject.java 1.5 98/07/01
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@(#)BorderLayout.java 1.32 98/07/01
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/*
 * ImageProducer.java 1.12 98/07/01
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/*
 * Boolean.java 1.28 98/07/07
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/*
 * ServerError.java 1.4 98/08/12
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/*
* @(#)ActiveEvent.java 1.2 98/07/01
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/*
* @(#)NumberFormat.java 1.36 98/10/05
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/*
* @(#)NotOwnerException.java1.7 98/07/01
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/*
* @(#)DateFormatZoneData_sv.java1.5 97/12/05
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/*
@(#)DateFormatZoneData_pt.java 1.5 97/12/05

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/*
* @(#)ServerNotActiveException.java 1.5 98/08/12
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/*
* @(#)FileWriter.java 1.5 98/07/01
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* @(#)ContainerEvent.java 1.4 98/07/01
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* @(#)LocaleElements_no_NO_NY.java 1.5 98/01/13
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 * @(#)DateFormatZoneData_de_CH.java 1.5 97/12/05
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 * @(#)NoSuchElementException.java 1.14 98/07/01
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* @(#)locale_elements_es_mx.java 1.2 98/01/13
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* @(#)propertyChangeListener.java 1.10 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-1/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_nl.java
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* @(#$)Float.java1.40 98/07/01
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/*
 * @(#)FilterReader.java 1.6 98/07/01
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/*
 * @(#)LocaleElements_sk.java 1.7 98/01/13
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*/
* @(#)DateFormatZoneData_en_CA.java 1.7 98/01/12
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*/
* @(#)ServerSocket.java 1.30 00/08/09
*
Found in path(s):
  * /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master.zip/Java-JDK-1.0-src-master/src/java/net/ServerSocket.java
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  /*
  * @(#)TextAreaPeer.java 1.9 98/07/01
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  /*
  * @(#)PatternEntry.java 1.16 97/10/28
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/*
* @(#)LocaleElement_mk.java.11 98/01/13
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/*
* @(#)LocaleElements.java 1.21 98/07/07
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* @(#)CheckboxMenuItem.java 1.31 98/08/21
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/*
* @(#)TextField.java 1.46 98/08/13
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* @(#)Thread.java 1.73 98/11/11
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/*
* @(#)LocaleElements_ko.java 1.8 98/01/13
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*@(#)URLEncoder.java 1.12 98/07/01 *

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/* */

*@(#)DatabaseMetaData.java 1.9 98/07/01 *

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/* */

*@(#)ChoiceFormat.java 1.11 97/02/06 *

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  master/src/java/text/ChoiceFormat.java
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/*
* @(#)DateFormatZoneData_zh_TW.java	1.4 97/12/05
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* @(#)DSAParams.java 1.9 98/07/01
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/*
* @(#)DataFormatException.java 1.5 96/11/23
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/ *
* @(#)TooManyListenersException.java1.2 98/07/01
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* @(#)PopupMenu.java1.15 99/03/31
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 * @(#)LocaleElements_es_DO.java 1.2 98/01/13
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* @(#)BigInteger.java 1.11 99/02/09
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/math/BigInteger.java

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*/

Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/awt/image/PixelGrabber.java

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*/

Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/lang/reflect/Member.java

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*/

Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/lang/reflect/Member.java

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*/

Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/lang/reflect/Member.java

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

*/

Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/lang/reflect/Member.java

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

*/
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```
/*
 * @(#)UTFDataFormatException.java 1.4 98/07/01
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 */
```

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```
/*
 * @(#)LocaleElements_tr.java 1.10 98/09/29
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*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_tr.java
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/*
 * @(#)DateFormatZoneData_fr_CA.java 1.5 97/12/05
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/*
* @(#)PropertyEditorManager.java 1.27 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/beans/PropertyEditorManager.java

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/
* @(#)PropertyChangeEvent.java 1.22 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/beans/PropertyChangeEvent.java

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/
* @(#)Introspector.java 1.73 98/07/08
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/*
* @(#)LocaleElements_pl.java 1.9 98/01/13
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_pl.java
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* @(#)SpecialMapping.java 1.2 97/10/28
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/Java-JDK-1.0-src-master/src/java/rmi/server/RMIFailureHandler.java
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/*
 * @(#)CheckboxGroup.java 1.21 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/CheckboxGroup.java

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/*
 * @(#)Operation.java 1.5 98/07/01
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 * @(#)Certificate.java 1.16 98/07/01
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*/
* @(#)DigestOutputStream.java1.22 99/02/09
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*/
* @(#)LocaleElements_en_GB.java1.7 98/01/13
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/ *
* @(#)StackOverflowError.java1.14 98/07/01
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/ *
* @(#)IncompatibleClassChangeError.java1.11 98/07/01
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/*
 * @(#)LocaleElements_fr_LU.java 1.1 98/07/07
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 * @(#)Rectangle.java 1.28 98/07/01
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* @(#)ClassCircularityError.java 1.8 98/07/01
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* @(#)DSAKeyPairGenerator.java 1.6 98/07/01
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/*
* @(#)UnsatisfiedLinkError.java 1.14 98/07/01
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/*@(#)RemoteCall.java 1.7 98/07/01
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/*@(#)Time.java 1.7 98/07/01
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/

* @(#)AlreadyBoundException.java 1.4 98/08/12
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* @(#)EventQueueListener.java 1.2 98/07/01
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 * @(#)InetAddress.java	1.46 98/07/27
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/*
 * @(#)PropertyResourceBundle.java	1.8 97/12/05
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*  
*/  

Found in path(s):  
*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/util/PropertyResourceBundle.java  
No license file was found, but licenses were detected in source scan.  
*/  

* @(#)ComponentAdapter.java.7 98/07/01  
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*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/awt/event/ComponentAdapter.java  
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*/  

* @(#)ObjectStreamClass.java.41 98/07/09  
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*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/io/ObjectStreamClass.java  
No license file was found, but licenses were detected in source scan.  
*/  

* @(#)Serializable.java.7 98/07/01
No license file was found, but licenses were detected in source scan.

/*
 * @(#)Properties.java 1.31 98/07/01
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/*
 * @(#)LocaleElements_bg.java 1.9 98/01/13
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_bg.java
No license file was found, but licenses were detected in source scan.

/*
* @(#)NoSuchMethodError.java 1.13 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/NoSuchMethodError.java
No license file was found, but licenses were detected in source scan.

/*
* @(#)PreparedStatement.java 1.9 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/sql/PreparedStatement.java
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/*
  * @(#)RMISocketFactory.java 1.6 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/rmi/server/RMISocketFactory.java
No license file was found, but licenses were detected in source scan.

/*
  * @(#)InflaterInputStream.java 1.16 98/03/19
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/util/zip/InflaterInputStream.java
No license file was found, but licenses were detected in source scan.

/*
  * @(#)DateFormatZoneData_it.java 1.5 97/12/05
  */
Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_it.java
No license file was found, but licenses were detected in source scan.

/*

* @(#)LineNumberReader.java	1.6 98/07/01
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/*
* @(#)FileInputStream.java 1.34 98/07/01
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/*
* @(#)NegativeArraySizeException.java 1.12 98/07/01
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/*
* @(#)FontMetrics.java 1.18 98/07/01
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/
* @(#)InterruptedException.java 1.8 98/07/01
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/
* @(#)FileNameMap.java 1.5 98/07/01
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master/src/java/net/FileNameMap.java
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/*
 * @(#)MediaTracker.java 1.27 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/MediaTracker.java
No license file was found, but licenses were detected in source scan.

/*
 * @(#)LogStream.java 1.8 98/07/01
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 * @(#)URL.java 1.44 98/07/01
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*/

@(#)LocaleElements_sq.java 1.8 98/01/14

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/*
* @(#)LocaleElements_fr_CA.java 1.7 98/01/13
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* @(#)LocaleElements_de_DE_EURO.java 1.1 98/07/07
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/*
 *
 */

* @(#)CRC32.java 1.11 97/01/27
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No license file was found, but licenses were detected in source scan.

/*
 *
 */

* @(#)Font.java 1.29 98/07/01
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/*
 * @(#)AppletStub.java 1.13 98/07/01
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/*
 * @(#)CheckboxPeer.java 1.8 98/07/01
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 * @(#)Skeleton.java 1.6 98/07/01
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/*
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/*
 * @(#)LocaleElements_es.java	1.10 98/01/14
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/*
* @(#)FocusListener.java 1.6 98/07/01
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*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/event/FocusListener.java
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/*
* @(#)PushbackReader.java 1.8 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_sr.java

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/*
 * @(#)GZIPOutputStream.java	1.11 97/01/24
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 * @(#)DirectColorModel.java 1.15 98/07/01
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/*
 * @(#)CharConversionException.java 1.6 98/07/01
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/*
 * @(#)LocaleElements_en_AU.java 1.3 98/01/13
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/ *
* @(#)ItemListener.java 1.7 98/07/01
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No license file was found, but licenses were detected in source scan.

/ *
* @(#)DigitList.java 1.13 98/01/12

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/*
 * @(#)DateFormatZoneData.java 1.6 97/10/28
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/*
 * @(#)Unreferenced.java 1.4 98/07/01
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/*
* @(#)MessageDigest.java 1.34 98/07/01
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* @(#)DeflaterOutputStream.java 1.17 97/01/30
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* @(#)DateFormatZoneData_ja.java 1.6 98/03/05
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/
* @(#)LocaleElements_de.java 1.9 98/01/13
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 *     ResultSetMetaData.java 1.6 98/07/01
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 * @(#)DateFormatZoneData_en_IE.java 1.5 98/01/12
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/**
 * @(#)Date.java 1.6 98/07/01

Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/io/NotSerializableException.java
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/*
 * @(#)RemoteObject.java	1.8 98/08/12
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 * @(#)DateFormatZoneData_th.java 1.1 98/01/08
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/*
 * @(#)MenuContainer.java 1.7 98/07/01
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/*
 * @(#)ButtonPeer.java 1.6 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
Found in path(s):
*/

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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/rmi/server/SocketSecurityException.java
No license file was found, but licenses were detected in source scan.

*/
* @(#)DateFormatZoneData_sh.java 1.5 97/12/05
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*/
* @(#)Modifier.java 1.6 98/07/01
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/*
* @(#)SeedGenerator.java 1.10 99/02/09
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/*
* @(#)WindowAdapter.java 1.8 98/07/01
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Found in path(s):
/*
 * @(#)DialogPeer.java 1.5 98/07/01
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/*
 * @(#)AudioClip.java 1.10 98/07/01
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/*
 * @(#)DateFormatZoneData_ro.java 1.5 97/12/05
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No license file was found, but licenses were detected in source scan.

/*
* @(#)LocaleElements_el.java 1.12 98/01/13
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/*
 * @(#)VisualTest.java 1.13 98/07/01
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/*
 * @(#)ParseException.java 1.5 97/01/20
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*/
* @(#)Canvas.java 1.18 98/07/01
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No license file was found, but licenses were detected in source scan.

*/
* @(#)EventObject.java 1.6 98/07/01
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/*
* @(#)Acl.java 1.15 99/02/09
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/*
* @(#)Socket.java 1.30 98/07/01
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/*
 * @(#)URLStreamHandler.java 1.23 98/07/01
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 * @(#)LocaleElements_es_UY.java 1.2 98/01/13
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/*
 * @(#)LocaleElements_en_CA.java	1.7 98/01/13
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/*
 * @(#)PrintJob.java	1.6 98/07/01
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No license file was found, but licenses were detected in source scan.

/*! */
* @(#)MenuShortcut.java1.10 98/07/01
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/*! */
* @(#)LocaleElements_fi_FI_EURO.java1.1 98/07/07
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* @(#)RemoteRef.java1.7 98/08/12
* *
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/*
* @(#)ClassCastException.java	1.13 98/07/01
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/*
* @(#)LocaleElements_it_CH.java	1.8 98/01/13
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*/
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*/
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* @(#)ConnectException.java.5 98/10/08
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Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/Java-JDK-1.0-src-master/src/java/rmi/ConnectException.java
No license file was found, but licenses were detected in source scan.

*/
* @(#)LocaleElements_es_CR.java.2 98/01/13
No license file was found, but licenses were detected in source scan.

/*
 * @(#)TTY.java 1.81 98/12/02
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-
  master/src/java/sql/CallableStatement.java

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/*
 * @(#)ContainerListener.java 1.2 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-
  master/src/java/awt/event/ContainerListener.java

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/*
 * @(#)LoaderHandler.java 1.5 98/07/01
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master/src/java/rmi/Remote.java
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/*
 * @(#)BeanDescriptor.java 1.11 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/beans/BeanDescriptor.java
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/*
 * @(#)LocaleElements_et.java 1.8 98/01/13
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_et.java

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/*
 * @(#)RemoteStub.java 1.9 98/08/12
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/*
 * @(#)Date.java 1.52 00/02/10
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)FlowLayout.java 1.27 98/07/01
 */
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/*
 * @(#)PropertyVetoException.java 1.7 98/07/01
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/*
 * @(#)InstantiationError.java 1.5 98/07/01
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/*
 * @(#)VerifyError.java 1.6 98/07/01
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 * @(#)Window.java 1.78 98/10/06
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/Window.java

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/*
 * @(#)CompactIntArray.java 1.10 97/10/28
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/*
* @(#)UnknownServiceException.java 1.7 98/07/01
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/*
* @(#)LocaleElements_es_EC.java 1.2 98/01/13
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* @(#)DateFormatZoneData_fr_CH.java 1.5 97/12/05
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/*/
* @(#)CropImageFilter.java 1.6 98/07/01
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/*
* @(#)CharArrayReader.java 1.8 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
* @(#)DataInputStream.java 1.39 98/07/01
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/*
* @(#)Externalizable.java 1.7 98/07/01
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* @(#)Button.java 1.43 98/07/01
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* @(#)PrintGraphics.java 1.5 98/07/01
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 * @(#)DateFormatZoneData_ar.java 1.5 97/12/05
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/*
 * @(#)LocaleElements_es_BO.java 1.2 98/01/13
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/*
 * @(#)SocketOptions.java 1.6 98/07/01
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/ *
* @(#)PushbackInputStream.java1.17 98/07/01
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/*
* @(#)AclNotFoundException.java	1.5 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/Java-JDK-1.0-src-master/src/java/security/acl/AclNotFoundException.java
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/ * @(#)ZipInputStream.java 1.11 97/01/24
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/ * @(#)DataOutput.java 1.7 98/07/01
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/*
 * @(#)MessageFormat.java  1.15 97/01/29
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-
  master/src/java/text/MessageFormat.java

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 * @(#)Observable.java 1.20 98/07/01
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 * @(#)Hashtable.java 1.42 98/07/01
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/*
 * @(#)PropertyChangeSupport.java 1.13 98/07/01
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/*
/* @(#)DateFormatZoneData_fr.java 1.5 97/12/05
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/*
 * @(#)NullPointerException.java 1.12 98/07/01
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 * @(#)DataFlavor.java 1.6 98/07/01
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* @(#)InvalidClassException.java.6 98/07/01
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 * @(#)DateFormatZoneData_ca.java	1.5 97/12/05
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 * @(#)LocaleElements_th.java	1.3 98/01/13
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* @(#)MenuItemPeer.java 1.8 98/07/01
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 * @(#)BufferedWriter.java 1.13 98/07/01
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 * @(#)IllegalMonitorStateException.java 1.5 98/07/01
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 * @(#)UnicodeClassMapping.java 1.7 98/01/12
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 * @(#)InvocationTargetException.java 1.4 98/07/01
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* @(#)LocaleElements_zh_TW.java 1.10 98/01/13
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_zh_TW.java
No license file was found, but licenses were detected in source scan.

/*
* @(#)LineNumberInputStream.java	1.13 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/io/LineNumberInputStream.java
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/*
* @(#)Insets.java	1.14 98/07/01
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Found in path(s):
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)StringReader.java 1.6 98/07/01
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/*
 * @(#)LocaleElements_es_GT.java 1.2 98/01/13
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master/src/java/text/resources/LocaleElements_es_GT.java
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/*
* @(#)RemoteException.java1.6 98/08/12
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-
master/src/java/rmi/RemoteException.java
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/*
* @(#)ContentHandlerFactory.java1.4 98/07/01
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/*
 * @(#)FeatureDescriptor.java 1.16 98/07/01
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/*
 * @(#)Point.java 1.14 98/07/01
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/*
 * @(#)ImageConsumer.java 1.13 98/07/01
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Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/image/ImageConsumer.java
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/*
* @(#)DatagramSocketImpl.java 1.11 98/07/01
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/*
* @(#)NotActiveException.java 1.6 98/07/01
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/*
 * @(#)RMIClassLoader.java	1.11 98/07/01
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 * @(#)EOFException.java	1.4 98/07/01
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/*
 * @(#)LocaleElements_hr.java	1.8 98/01/13
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 * @(#)AdjustmentEvent.java 1.12 98/07/01
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/*
 * @(#)DateFormat.java 1.25 98/02/02
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/*
* @(#)InternalError.java1.14 98/07/01
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/*
* @(#)DatagramSocket.java1.26 98/07/01
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/*
* @(#)ZipOutputStream.java1.13 97/01/27
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/*@(#)Checkbox.java1.42 98/07/01*/

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/*@(#)LocaleElements_fr_CH.java1.8 98/01/13*/

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/*
* @(#)Provider.java 1.21 98/07/01
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* @(#)AbstractMethodError.java 1.11 98/07/01
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* @(#)NoRouteToHostException.java 1.6 98/07/01
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* @(#)Event.java 1.58 98/07/01
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/*
* @(#)Statement.java 1.7 98/07/01
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/*
* @(#)MouseAdapter.java 1.8 98/07/01
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* @(#)Clipboard.java 1.6 98/07/01
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/ *
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/util/EventListener.java
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/*
* @(#)MouseEvent.java 1.13 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master.zip/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_is.java

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/**
 * @(#)ListResourceBundle.java 1.8 98/01/12
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/*
* @(#)TextComponentPeer.java 1.5 98/07/01
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*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/peer/TextComponentPeer.java
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/*
* @(#)NotBoundException.java 1.4 98/08/12
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*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/rmi/NotBoundException.java
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/*
 * @(#)Array.java 1.4 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/reflect/Array.java
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/*
 * @(#)SkeletonMismatchException.java 1.4 98/08/12
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/*
 * @(#)LocaleElements_zh.java 1.9 98/08/13
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_zh.java
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/*
* @(#)LocaleElements_en_NZ.java	1.3 98/01/13
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/ *
* @(#)List.java.62 99/01/22
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/ *
* @(#)Number.java.21 98/07/01
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/*
 * @(#)LocaleElements_es_CO.java 1.2 98/01/13
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/ opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_es_CO.java

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/*
 * @(#)ObjectStreamException.java 1.5 98/07/01
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* @(#)ParameterDescriptor.java 1.10 98/07/01
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*/
* @(#)Cursor.java 1.6 98/07/01
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No license file was found, but licenses were detected in source scan.

*/
* @(#)Byte.java 1.8 98/07/01
Found in path(s):
* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master/Zip/Java-JDK-1.0-src-master/src/java/io/FileNotFoundException.java
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/*
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 * @(#)ExportException.java 1.4 98/08/12
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 @(#)RemoteServer.java 1.10 98/08/12
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/*
 @(#)DateFormatZoneData_no.java 1.5 97/12/05
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 * @(#)FocusAdapter.java 1.7 98/07/01
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/*
 * @(#)LocaleElements_fr_BE_EURO.java 1.1 98/07/07
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/*
* @(#)LocaleElements_ca.java 1.7 98/01/13
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/*
* @(#)EntryPair.java 1.5 97/12/05
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*/opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/EntryPair.java
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/*
 * @(#)DateFormatZoneData_iw.java 1.4 97/12/05
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Found in path(s):
 /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_iw.java

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/*
 * @(#)Long.java 1.34 98/07/07
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/*
* @(#)Double.java 1.42 98/07/01
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/*
* @(#)SkeletonNotFoundException.java 1.4 98/08/12
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/rmi/server/SkeletonNotFoundException.java
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/*
* @(#)AWTException.java 1.9 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_ar.java

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/*
* @(#)Serializable.java 1.6 98/07/01
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* @(#)DateFormatZoneData_fi.java 1.5 97/12/05
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 * @(#)Applet.java 1.43 98/07/01
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 * @(#)MouseListener.java 1.7 98/07/01
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/*
 * @(#)FramePeer.java	1.17 98/07/01
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/*
 * @(#)URLStreamHandlerFactory.java	1.9 98/07/01
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/*
 * @(#)KeyManagementException.java	1.8 99/02/09
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 * @(#)LocaleElements_es_SV.java	1.2 98/01/13
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 * @(#)ConnectIOException.java1.4 98/08/12
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 * @(#)LocaleElements_cs.java1.8 98/01/13
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* @(#)Graphics.java 1.43 98/08/19
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* @(#)RMISecurityException.java 1.4 98/08/12
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* @(#)RuntimeException.java 1.5 98/07/01
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/*
* @(#)LocaleElements_lv.java 1.7 98/01/13
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* @(#)NoSuchFieldException.java1.6 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/io/ObjectOutput.java
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/*
 * @(#)OutOfMemoryError.java	1.14 98/07/01
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/*
 * @(#)DataOutputStream.java	1.24 98/07/01
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/io/DataOutputStream.java

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/*
 * @(#)Enumeration.java	1.12 98/07/01
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*/
* @(#)ProviderException.java 1.7 99/02/09
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*/
* @(#)Naming.java 1.6 98/11/30
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/rmi/Naming.java

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/*
 * @(Integer.java 1.43 98/07/07
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/Dimension.java

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 * @(#)DateFormatZoneData_no_NO_NY.java 1.4 97/12/05
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* /opt/cola/permits/1075672617_1611749234.52/0/java-jdk-1-0-src-master- zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_en_ZA.java
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/*
* @(#)Vector.java 1.39 98/07/01
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/*
* @(#)Lease.java 1.4 98/08/12
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* @(#)ParsePosition.java 1.6 97/02/06
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* @(#)Checksum.java 1.7 96/11/23
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* @(#)ResourceBundle.java.23 98/10/07
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/*
 * @(#)StringBuffer.java 1.36 98/10/28
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/*
 * @(#)ExceptionInInitializerError.java 1.3 98/07/01
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/*
 * @(#)ScrollPane.java 1.59 98/07/14
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/*
* @(#)CharacterBreakData.java	1.9 98/01/12
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/*
 * @(#)PrivateKey.java.1.15 98/07/01
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/*
 * @(#)Collator.java.1.14 98/08/19
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/*
 * @(#)BigDecimal.java	1.10 99/02/09
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/*
 * @(#)Runnable.java	1.14 98/07/01
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/*
 * @(#)ServerRuntimeException.java	1.5 98/08/12

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/*
 * @(#)MethodDescriptor.java 1.17 98/07/01
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 * @(#)LocaleElements_es_PA.java 1.2 98/01/13
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/ *
* @(#)GregorianCalendar.java 1.40 99/03/08
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/ *
* @(#)LocaleElements_es_AR.java 1.2 98/01/13
master/src/java/lang/Math.java
No license file was found, but licenses were detected in source scan.

/*
 * @(#)ZipFile.java 1.18 97/01/24
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/*
 * @(#)SocketImpl.java 1.24 00/08/09
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 * @(#)Beans.java 1.31 98/07/01
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 * @(#)ObjectInput.java 1.11 99/01/22
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* @(#)GridBagLayout.java	1.24 98/07/01
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/*
* @(#)System.java	1.73 98/07/01
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 * @(#)AWTEvent.java 1.22 98/07/01
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1.487 bash-completion 2.1 4.2ubuntu1.1
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Portions of the client are based on code at:
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* @see StylesheetPIHandler
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* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/IllegalCharException.java
* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/IllegalCharException.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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 */

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
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.

```java
public static final int DEVELOPMENT = 0;

/**
 * <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));
```

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*/

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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.

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contributor license agreements. See the NOTICE file distributed with
package org.apache.xalan.xslt.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.xslt.DOM;
import org.apache.xml.dtm.Axis;
import org.apache.xalan.xslt.runtime.Operators;
import org.apache.xalan.xslt.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;
    _xsltc = 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) {
    _xsltc.setMultiDocument(flag);
}

public void setCallsNodeset(boolean flag) {
    _xsltc.setCallsNodeset(flag);
}
public void setHasIdCall(boolean flag) {
    _xsltc.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
 * "{uri}:@*[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
                          : _xsltc.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) ? _xslt.registerAttribute(name) :
    _xslt.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 :
    NodeTest.ELEMENT:
    (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.
 */
final SyntaxTreeNode lookupName(QName 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, VBRACK, 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
| 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
| {
| 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
/* --------------------------- 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:ee
   {: RESULT = ee; :}
   | 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
AbbreviatedRelativeLocationPath ::= RelativeLocationPath:rlp DLSASH 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 if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
    // Expand 'rlp//step' -> '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::*//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 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 {
{: RESULT = aalp; :};

// 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);
}
:};

AbbreviatedAbsoluteLocationPath ::= 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,

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parser.findNodeType(Axis.CHILD, ntest), pp);}

| AxisSpecifier:axis NodeTest:ntest Predicates:pp |
| : RESULT = new Step(axis.intValue(),
  parser.findNodeType(axis.intValue(), ntest), pp):
| :

| AbbreviatedStep:abbrev |
| : RESULT = abbrev; : |

AxisSpecifier ::= AxisName:an DCOLO
| : 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); : |
AbbreviatedStep ::= DOT
   { : RESULT = new Step(Axis.SELF, 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)) { |
| \hspace{0.5cm} RESULT = new ConcatCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) { |
| \hspace{0.5cm} RESULT = new NumberCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("document").equals(fname)) { |
| \hspace{0.5cm} parser.setMultiDocument(true); |
| \hspace{1.0cm}RESULT = new DocumentCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) { |
| \hspace{0.5cm} RESULT = new StringCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("boolean").equals(fname)) { |
| \hspace{0.5cm} RESULT = new BooleanCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) { |
| \hspace{0.5cm} RESULT = new NameCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) { |
| \hspace{0.5cm} RESULT = new GenerateIdCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("not").equals(fname)) { |
| \hspace{0.5cm} RESULT = new NotCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("format-number").equals(fname)) { |
| \hspace{0.5cm} RESULT = new FormatNumberCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("unparsed-entity-uri").equals(fname)) { |
| \hspace{0.5cm} RESULT = new UnparsedEntityUriCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("key").equals(fname)) { |
| \hspace{0.5cm} RESULT = new KeyCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("id").equals(fname)) { |
| \hspace{1.0cm}RESULT = new KeyCall(fname, argl); |
| \hspace{1.5cm}parser.setHasIdCall(true); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("ceiling").equals(fname)) { |
| \hspace{0.5cm} RESULT = new CeilingCall(fname, argl); |
| } |
| else if (parser.getQNameIgnoreDefaultNs("round").equals(fname)) { |
| \hspace{0.5cm} RESULT = new RoundCall(fname, argl); |
| } |
else if (parser.getQNameIgnoreDefaultNs("floor").equals(fname)) {
    RESULT = new FloorCall(fname, arg1);
}

else if (parser.getQNameIgnoreDefaultNs("contains").equals(fname)) {
    RESULT = new ContainsCall(fname, arg1);
}

else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
    RESULT = new StringLengthCall(fname, arg1);
}

else if (parser.getQNameIgnoreDefaultNs("starts-with").equals(fname)) {
    RESULT = new.StartsWithCall(fname, arg1);
}

else if (parser.getQNameIgnoreDefaultNs("function-available").equals(fname)) {
    RESULT = new FunctionAvailableCall(fname, arg1);
}

else if (parser.getQNameIgnoreDefaultNs("element-available").equals(fname)) {
    RESULT = new ElementAvailableCall(fname, arg1);
}

else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname, arg1);
}

else if (parser.getQNameIgnoreDefaultNs("lang").equals(fname)) {
    RESULT = new LangCall(fname, arg1);
}

else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname, arg1);
}

else if (parser.getQName(Constants.TRANSLET_URI, "xsltc", "cast").equals(fname)) {
    RESULT = new CastCall(fname, arg1);
}

// 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, arg1);
}

else {
    RESULT = new FunctionCall(fname, arg1);
}

};

NonemptyArgumentList ::= Argument:arg
{
    Vector temp = new Vector();
    temp.addElement(arg);
    RESULT = temp;
}
Argument := Expr
{: RESULT = ex; :}

NodeTest ::= NameTest
{: RESULT = nt; :}

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

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

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

| PIPARAM LPAREN Literal 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("preceeding"); : }

| PRECEDINGSIBLING
  { : RESULT = parser.getQNameIgnoreDefaultNs("preceeding-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
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.
 * See the License for the specific language governing permissions and
 * 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
No license file was found, but licenses were detected in source scan.

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 * regarding copyright ownership. The ASF licenses this file
 * to you under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
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() {
}

/**
 * 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;
    }
}
No license file was found, but licenses were detected in source scan.

*/
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* limitations under the License.
*/

$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.[.dd] <B>D</B>[<B>N</B>nn]"</CODE>
     * Futurework: have this read version info from jar manifest.
     *
     * @return String denoting our current version
     */
    public static String getVersion()
public static String getProduct()
{
    return "Xalan";
}

public static String getImplementationLanguage()
{
    return "Java";
}

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;
}
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 == '	' || c == '' || c == '
'  || c == '');
   }

   /**
    * 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.DSлаSH:
            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);
    }
}
"key"   { return disambiguateAxisOrFunction(sym.KEY); }
"text()" { return newSymbol(sym.TEXT); }
"text"+[\t\n\r\f]+"()" { return newSymbol(sym.TEXT); }
"node"[\t\n\r\f]+"()" { return newSymbol(sym.NODE); }
"node"+[\t\n\r\f]+"()" { return newSymbol(sym.NODE); }
"comment"{ return newSymbol(sym.COMMENT); }
"comment"+[\t\n\r\f]+"()" { return newSymbol(sym.COMMENT); }
"processing-instruction" { return disambiguateAxisOrFunction(sym.PI); }
"processing-instruction"+[\t\n\r\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.ANCESTORORSSELF); }
"descendant" { return disambiguateAxisOrFunction(sym.DESCENDANT); }
"descendant-or-self" { return disambiguateAxisOrFunction(sym.DESCENDANTORSSELF); }
"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\n\r\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/xslt/compiler/xpath.lex
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 */

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

Found in path(s):
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 */

// is found, then throw a special exception in order to terminate

Found in path(s):
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jar/org/apache/xalan/processor/TransformerFactoryImpl.java

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* /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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* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xpath/patterns/package.html
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* /opt/cola/permits/1127075804_1611755843.23/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/package.html
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The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* 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

-----

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

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.498 pythonurllib 1.13.1 2ubuntu0.16.04.4

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# Contributions to the urllib3 project

## Creator & Maintainer

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## Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
  * Bugfixes, suggestions, Requests integration

* georgemarshall <http://github.com/georgemarshall>
  * Bugfixes, Improvements and Test coverage

* Thomas Kluvyer <thomas@kluvyer.me.uk>
  * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
  * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
  * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
* Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <http://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
* Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <http://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <http://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitt@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration
* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Jon Wayne Parrott <jonwayne@google.com>
  * App Engine environment tests.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from ```HTTPResponse.stream()```.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]
1.500 bind 9.10.4_p6-r0

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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 form 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.

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1.502 hashicorp-serf 0.8.5

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1.503 libverto 0.2.5-r0

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1.504 aop-alliance 2.4.0-b10

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1.506 sgml-base 1.26+nmu4ubuntu1

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1.507 jackson-dataformat-yaml 2.7.7

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* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/NameResolver.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/AddressResolverGroup.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/NoopAddressResolver.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/SimpleNameResolver.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/NameResolver.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/AddressResolverGroup.java
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  jar/io/netty/resolver/RoundRobinInetAddressResolver.java
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  /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-
  jar/io/netty/resolver/DefaultAddressResolverGroup.java
  /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-
  jar/io/netty/resolver/AddressResolver.java
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* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/ResolvedAddressTypes.java

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## 1.509 etcd-raft 3.3.9

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1074512186_1595863671.14/0/etcd-v3-3-9-linux-amd64-tar-gz/etcd-v3.3.9-linux-amd64/Documentation/op-guide/maintenance.md

## 1.510 alpine-baselayout 3.1.0-r2

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1.512 jetty-util 8.1.10.v20130312

1.513 lwip 1.4.1
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* A rewrite of the original Debian's start-stop-daemon Perl script
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* 
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 * The classes in this package make JDBC easier to use and
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 * <ul>
 * <li>Simplify error handling, avoiding the need for try/catch/finally
 * blocks in application code.
 * <li>Present exceptions to application code in a generic hierarchy of
 * unchecked exceptions, enabling applications to catch data access
 * exceptions without being dependent on JDBC, and to ignore fatal
 * exceptions there is no value in catching.
 * <li>Allow the implementation of error handling to be modified
 * to target different RDBMSes without introducing proprietary
 * dependencies into application code.
 * </ul>
 *
 * This package and related packages are discussed in Chapter 9 of
 * by Rod Johnson (Wrox, 2002).
 *
 */

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 * limitations under the License.
* Implement this interface when parameters need to be customized based
* on the connection. We might need to do this to make use of proprietary
* features, available only with a specific Connection type.
*  
*  
* @author Rod Johnson
* @author Thomas Risberg
* @see CallableStatementCreatorFactory#newCallableStatementCreator(ParameterMapper)
* @see org.springframework.jdbc.object.StoredProcedure#execute(ParameterMapper)
*/

/**
* Create a Map of input parameters, keyed by name.
* @param con JDBC connection. This is useful (and the purpose of this interface)
* if we need to do something RDBMS-specific with a proprietary Connection
* implementation class. This class conceals such proprietary details. However,
* it is best to avoid using such proprietary RDBMS features if possible.
* @throws SQLException if a SQLException is encountered setting
* parameter values (that is, there's no need to catch SQLException)
* @return Map of input parameters, keyed by name (never <code>null</code>)
*/

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jar/org/springframework/jdbc/support/DatabaseStartupValidator.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/object/SqlUpdate.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/SqlReturnResultSet.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/support/SqlLobValue.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/lookup/NamedParameterJdbcDaoSupport.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/lookup/DataSourceLookup.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/lookup/SingleDataSourceLookup.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/JdbcUpdateAffectedIncorrectNumberOfRowsException.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/JdbcBeanDefinitionReader.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/LobCreatorUtils.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/MetaDataAccessException.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/SQLWarningException.java

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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/namedparam/NamedParameterUtils.java
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 */
/**
 * Strategy interface for translating between {@link SQLException SQLExceptions}
 * and Spring's data access strategy-agnostic {@link DataAccessException}
 * @see org.springframework.dao.DataAccessException
 */

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 */
Abstraction for handling large binary fields and large text fields in specific databases, no matter if represented as simple types or Large OBjects. Its main purpose is to isolate Oracle's peculiar handling of LOBs in

- Provides accessor methods for BLOBs and CLOBs, and acts as factory for LobCreator instances, to be used as sessions for creating BLOBs or CLOBs.
- LobCreators are typically instantiated for each statement execution or for each transaction; they are not thread-safe because they might track allocated database resources in order to free them after execution.

Most databases/drivers should be able to work with DefaultLobHandler, which by default delegates to JDBC's direct accessor methods, avoiding the java.sql.Blob and java.sql.Clob API completely.

- Can also be configured to access LOBs using PreparedStatement.setBlob/setClob (e.g. for PostgreSQL), through setting the DefaultLobHandler#setWrapAsLob "wrapAsLob" property.

Unfortunately, Oracle 9i just accepts Blob/Clob instances created via its own proprietary BLOB/CLOB API, and additionally doesn't accept large streams for PreparedStatement's corresponding setter methods. Therefore, you need to use OracleLobHandler there, which uses Oracle's BLOB/CLOB API for both types of access. The Oracle 10g JDBC driver should basically work with DefaultLobHandler as well, with some limitations in terms of LOB sizes.

Of course, you need to declare different field types for each database.

- In Oracle, any binary content needs to go into a BLOB, and all character content beyond 4000 bytes needs to go into a CLOB. In MySQL, there is no notion of a CLOB type but rather a LONTEXT type that behaves like a VARCHAR. For complete portability, use a LobHandler for fields that might typically require LOBs on some database because of the field size (take Oracle's numbers as a guideline).

Summarizing the recommended options (for actual LOB fields):

- JDBC 4.0 driver: DefaultLobHandler with streamAsLob=true.
- PostgreSQL: DefaultLobHandler with wrapAsLob=true.
- Oracle 9i/10g: OracleLobHandler with a connection-pool-specific
* {@link OracleLobHandler#setNativeJdbcExtractor NativeJdbcExtractor}.
* <li>For all other database drivers (and for non-LOB fields that might potentially
* turn into LOBs on some databases): a plain {@link DefaultLobHandler}.
* </ul>
* 
* @author Juergen Hoeller
* @since 23.12.2003
* @see DefaultLobHandler
* @see OracleLobHandler
* @see java.sql.ResultSet#getBlob
* @see java.sql.ResultSet#getClob
* @see java.sql.ResultSet#getBytes
* @see java.sql.ResultSet#getBinaryStream
* @see java.sql.ResultSet#getString
* @see java.sql.ResultSet#getAsciiStream
* @see java.sql.ResultSet#getCharacterStream
*/

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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/rowset/ResultSetWrappingSqlRowSetMetaData.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/ConnectionHandle.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/ParameterDisposer.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/rowset/SqlRowSetMetaData.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/lob/AbstractLobHandler.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/LobRetrievalFailureException.java

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*/
/**
 * Close this LobCreator session and free its temporarily created BLOBs and CLOBs.
 * Will not need to do anything if using PreparedStatement’s standard methods,
 * but might be necessary to free database resources if using proprietary means.
 * <p><b>NOTE</b>: Needs to be invoked after the involved PreparedStatements have
 * been executed or the affected O/R mapping sessions have been flushed.
 * Otherwise, the database resources for the temporary BLOBs might stay allocated.
 */

Found in path(s):
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/lob/LobCreator.java

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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/ResultSetSupportingSqlParameter.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/metadata/TableParameterMetaData.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/metadata/HsqlTableMetaDataProvider.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/SmartDataSource.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/incrementer/DataFieldMaxValueIncrementer.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/metadata/TableMetaDataProvider.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3.0.6-release-sources-1-jar/org/springframework/jdbc/core/PreparedStatementSetter.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3.0.6-release-sources-1-jar/org/springframework/jdbc/core/ArgPreparedStatementSetter.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3.0.6-release-sources-1-jar/org/springframework/jdbc/object/SqlOperation.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3.0.6-release-sources-1-jar/org/springframework/jdbc/datasource/lookup/BeanFactoryDataSourceLookup.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3.0.6-release-sources-1-jar/org/springframework/jdbc/core/metadata/OracleCallMetaDataProvider.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3.0.6-release-sources-1-jar/org/springframework/jdbc/support/nativejdbc/NativeJdbcExtractor.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3.0.6-release-sources-1-jar/org/springframework/jdbc/support/JdbcAccessor.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3.0.6-release-sources-1-jar/org/springframework/jdbc/support/nativejdbc/C3P0NativeJdbcExtractor.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3.0.6-release-sources-1-jar/org/springframework/jdbc/core/SqlParameterValue.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3.0.6-release-sources-1-jar/org/springframework/jdbc/core/SqlReturnType.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3.0.6-release-sources-1-jar/org/springframework/jdbc/support/nativejdbc/SimpleNativeJdbcExtractor.java

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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core(SqlProvider.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/CallableStatementCreator.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/PreparedStatementCreator.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/namedparam/NamedParameterJdbcOperations.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/embedded/HsqlEmbeddedDatabaseConfigurer.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/SimpleDriverDataSource.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/embedded/H2EmbeddedDatabaseConfigurer.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseConfigurerFactory.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/config/JdbcNamespaceHandler.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/init/DatabasePopulator.java
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/*
**
* {@[link LobHandler] implementation for Oracle databases. Uses proprietary API
* to create <code>oracle.sql.BLOB</code> and <code>oracle.sql.CLOB</code>
* instances, as necessary when working with Oracle's JDBC driver.
* Note that this LobHandler requires Oracle JDBC driver 9i or higher!
*
* <p>While most databases are able to work with {@[link DefaultLobHandler],
* Oracle just accepts Blob/Clob instances created via its own proprietary
* BLOB/CLOB API, and additionally doesn't accept large streams for
* PreparedStatement's corresponding setter methods. Therefore, you need
* to use a strategy like this LobHandler implementation.
*
* <p>Needs to work on a native JDBC Connection, to be able to cast it to
* <code>oracle.jdbc.OracleConnection</code>. If you pass in Connections from a
* connection pool (the usual case in a J2EE environment), you need to set an
* appropriate {@[link org.springframework.jdbc.support.nativejdbc.NativeJdbcExtractor]
* to allow for automatic retrieval of the underlying native JDBC Connection.
* LobHandler and NativeJdbcExtractor are separate concerns, therefore they
* are represented by separate strategy interfaces.
*
* <p>Coded via reflection to avoid dependencies on Oracle classes.
* Even reads in Oracle constants via reflection because of different Oracle
* drivers (classes12, ojdbc14, ojdbc5, ojdbc6) having different constant values!
* As this LobHandler initializes Oracle classes on instantiation, do not define
* this as eager-initializing singleton if you do not want to depend on the Oracle
* JAR being in the class path: use "lazy-init=true" to avoid this issue.
*
* @author Juergen Hoeller
* @author Thomas Risberg
* @since 04.12.2003
* @see #setNativeJdbcExtractor
* @see oracle.sql.BLOB
* @see oracle.sql.CLOB
*/

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Extensions for Protocol Buffers to create more go like structures.

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http://github.com/gogo/protobuf/gogoproto

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1.549 consul-client 1.3.0

1.550 jackson-module-parameter-names

2.10.5

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1.551 httpasyncclient 4.1.4

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* /opt/cola/permits/1001628523_1612183578.8/0/asm-all-3-3-1-sources-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /opt/cola/permits/1001628523_1612183578.8/0/asm-all-3-3-1-sources-jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1001628523_1612183578.8/0/asm-all-3-3-1-sources-jar/org/objectweb/asm/commons/TableSwitchGenerator.java
* /opt/cola/permits/1001628523_1612183578.8/0/asm-all-3-3-1-sources-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
* /opt/cola/permits/1001628523_1612183578.8/0/asm-all-3-3-1-sources-jar/org/objectweb/asm/commons/gernerator/
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* /opt/cola/permits/1001628523_1612183578.8/0/asm-all-3-3-1-sources-jar/org/objectweb/asm/tree/LabelNode.java
* /opt/cola/permits/1001628523_1612183578.8/0/asm-all-3-3-1-sources-jar/org/util/ASMifier/AnnotationVisitor.java
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* /opt/cola/permits/1001628523_1612183578.8/0/asm-all-3-3-1-sources-jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1001628523_1612183578.8/0/asm-all-3-3-1-sources-jar/org/objectweb/asm/commons/Remapping/FieldAdapter.java
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* /opt/cola/permits/1001628523_1612183578.8/0/asm-all-3-3-1-sources-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
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* /opt/cola/permits/1001628523_1612183578.8/0/asm-all-3-3-1-sources-jar/org/objectweb/asm/xml/SAXFieldAdapter.java
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1.554 snappy-java 1.0.5-M2

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* /opt/ws_local/PERMITS_SQL/1075319186_1596106889.54/0/snappy-java-1-0-5-m2-sources-jar/org/xerial/snappy/SnappyNative.cpp

1.555 inotify-tools 3.14-1ubuntu1

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1.565 ncurses 6.1-2.ph3

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Upstream source https://invisible-island.net/ncurses/ncurses.html
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1.566 lua 5.1.5-8ubuntu1

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1.567 activemq-client 5.9.0

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include/freetype/internal/fthash.h

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src/base/md5.c
src/base/md5.h

src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
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src/gzip/inftutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
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Tests included here are based on build output generated by the six-speed benchmark suite.

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Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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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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1.581 dbus-python 1.2.0-3

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## cli.go - https://github.com/codegangsta/cli

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# gomega - https://github.com/onsi/gomega

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

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1.584 security-provider 1.3.0

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1.590 goamz 0.0~git20150909.0.74fd457-2

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jar/org/springframework/orm/hibernate3/LocalDataSourceConnectionProvider.java
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* Create a transactional EntityManager proxy for the given EntityManagerFactory.
* @param emf EntityManagerFactory to obtain EntityManagers from as needed
* @param properties the properties to be passed into the
* <code>createEntityManager</code> call (may be <code>null</code>)
* @param entityManagerInterfaces the interfaces to be implemented by the
* EntityManager. Allows the addition or specification of proprietary interfaces.
* @return a shareable transactional EntityManager proxy
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/orm/jdo/support/JdoDaoSupport.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/orm/jdo/AbstractJpaVendorAdapter.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/orm/jdo/LocalTransactionManagerLookup.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/orm/jdo/SpringSessionContext.java
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jar/org/springframework/orm/jpa/EntityManagerFactoryAccessor.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2.jar/org/springframework/orm/jpa/JpaInterceptor.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2.jar/org/springframework/orm/jpa/JpaSystemException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2.jar/org/springframework/orm/jpa/JpaVendorAdapter.java

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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2.jar/org/springframework/orm/jpa/JdoObjectRetrievalFailureException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2.jar/org/springframework/orm/jdo/JdoSystemException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2.jar/org/springframework/orm/jdo/JdoVendorAdapter.java
jar/org/springframework/orm/jpa/JpaObjectRetrievalFailureException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/orm/jpa/EntityManagerFactoryPlusOperations.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
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jar/org/springframework/orm/jpa/ObjectOptimisticLockingFailureException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/orm/jdo/JdoOptimisticLockingFailureException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
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jar/org/springframework/orm/hibernate3/HibernateOptimisticLockingFailureException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/orm/hibernate3/HibernateObjectRetrievalFailureException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/orm/hibernate3/support/PersistenceUnitPostProcessor.java
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jar/org/springframework/orm/hibernate3/support/ClassFileTransformerAdapter.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
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jar/org/springframework/orm/jpa/EntityOptimisticLockingFailureException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/orm/jpa/ObjectRetrievalFailureException.java

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jar/org/springframework/jpa/DefaultJpaDialect.java
*/opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/hibernate3/support/IdTransferringMergeEventListener.java
*/opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/jpa/EntityManagerHolder.java
*/opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/hibernate3/TransactionAwareDataSourceConnectionProvider.java
*/opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-
jar/org/springframework/hibernate3/LocalJtaDataSourceConnectionProvider.java
*/opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-

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Initialize empty image
f1c9645dcb14efdd7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2d055067c18f2cf9 bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 1

Create 1st primary partition
ada64ace122978d00d1d0e5e45d26 bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device Boot Start End Sectors Size Id Type
<removed>1 2048 4095 2048 1M 83 Linux

Create 2nd primary partition
1beb87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8df1a88a045db233418dd73f8 bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>
Device   Boot Start  End Sectors Size Id Type
<removed>1   2048  4095  2048   1M  83 Linux
<removed>2   4096  20479  16384   8M a5 FreeBSD

Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start   End Sectors  Size Type     Fsize Bsize Cpg
  c    4096  20479  16384    8M unused       0     0   0
d    0  16064   16065  7.9M unused       0     0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

-------------------
b5c121c2091b2ff26b880551feac7112 bsd.img

---layout---------

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start   End Sectors  Size Type     Fsize Bsize Cpg
a      4096  6144    2049    1M 4.2BSD       0     0   0
c      4096 20479   16384    8M unused       0     0   0
d         0 16064   16065  7.9M unused       0     0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

-------------------
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

0  unused           5  4.1BSD           9  4.4LFS  d boot
1  swap             6  Eighth Edition  a  unknown  e  ADOS
2  Version 6        7  4.2BSD           b  HPFS  f  HFS
3  Version 7        8  MS-DOS           c  ISO-9660  10  AdvFS
4  System V

Command (m for help):
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1.594 jackson-module-afterburner 2.10.5
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1.595 udev 239-18.el8_1.4

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1.596 memcached 1.4.39

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Anatoly Vorobey <mellon@pobox.com> -- lots of the modern server code

Steven Grimm <sgrimm@facebook.com> -- iov writing (less CPU), UDP mode, non-2.0 slab mantissas, multithread, ...

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### 1.597 ops4j-base-util-xml 1.3.0

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1.609 kerberos 1.14.3-r0
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```
cmd/krb5/iprop/iprop.x
```
```
cmd/krb5/iprop/iprop_hdr.h
```
```
cmd/krb5/kadmin/server/ipropd_svc.c
```
```
cmd/krb5/kproplog/kproplog.c
```
```
cmd/krb5/slave/kpropd_rpc.c
```
```
lib/gss_mechs/mech_krb5/et/kdb5_err.c
```
```
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
```
```
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
```
```
lib/krb5/kadm5/kadm_host_srv_names.c
```
```
lib/krb5/kdb/kdb_convert.c
```
```
lib/krb5/kdb/kdb_hdr.h
```
```
lib/krb5/kdb/kdb_log.c
```
```
lib/krb5/kdb/kdb_log.h
```
```
lib/libgss/g_accept_sec_context.c
```
```
lib/libgss/g_acquire_cred.c
```
```
lib/libgss/g_canon_name.c
```
```
lib/libgss/g_compare_name.c
```
```
lib/libgss/g_context_time.c
```
```
lib/libgss/g_delete_sec_context.c
```
```
lib/libgss/g_dsp_name.c
```
```
lib/libgss/g_dsp_status.c
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```
lib/libgss/g_dup_name.c
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lib/libgss/g_export_name.c
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lib/libgss/g_glue.c
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```
lib/libgss/g_imp_name.c
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```
lib/libgss/g_imp_sec_context.c
```
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lib/libgss/g_init_sec_context.c
```
```
lib/libgss/g_initialize.c
```
```
lib/libgss/g_inquire_context.c
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lib/libgss/g_inquire_cred.c
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lib/libgss/g_inquire_names.c
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lib/libgss/g_process_context.c
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lib/libgss/g_rel_buffer.c
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lib/libgss/g_rel_cred.c
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lib/libgss/g_rel_name.c
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lib/libgss/g_rel_oid_set.c
```
```
lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in <code class="docutils literal"><span class="pre">src/lib/gssapi</span></code>, including the following files:
<pre>lib/gssapi/generic/gssapi_err_generic</pre>

<pre>lib/gssapi/mechglue/g_accept_sec_context.c</pre>

<pre>lib/gssapi/mechglue/g_acquire_cred.c</pre>

<pre>lib/gssapi/mechglue/g_canon_name.c</pre>

<pre>lib/gssapi/mechglue/g_compare_name.c</pre>

<pre>lib/gssapi/mechglue/g_context_time.c</pre>

<pre>lib/gssapi/mechglue/g_delete_sec_context.c</pre>

<pre>lib/gssapi/mechglue/g_dup_name.c</pre>

<pre>lib/gssapi/mechglue/g_dup_name.c</pre>

<pre>lib/gssapi/mechglue/g_exp_sec_context.c</pre>

<pre>lib/gssapi/mechglue/g_export_name.c</pre>

<pre>lib/gssapi/mechglue/g_glue.c</pre>

<pre>lib/gssapi/mechglue/g_imp_name.c</pre>

<pre>lib/gssapi/mechglue/g_imp_sec_context.c</pre>

<pre>lib/gssapi/mechglue/g_glue.c</pre>

<pre>lib/gssapi/mechglue/g_imp_name.c</pre>

<pre>lib/gssapi/mechglue/g_imp_sec_context.c</pre>

<pre>lib/gssapi/mechglue/g_exp_sec_context.c</pre>

<pre>lib/gssapi/mechglue/g_export_name.c</pre>

<pre>lib/gssapi/mechglue/g_glue.c</pre>

<pre>lib/gssapi/mechglue/g_imp_name.c</pre>

<pre>lib/gssapi/mechglue/g_imp_sec_context.c</pre>

<pre>lib/gssapi/mechglue/g_glue.c</pre>

<pre>lib/gssapi/mechglue/g_imp_name.c</pre>

<pre>lib/gssapi/mechglue/g_imp_sec_context.c</pre>

<pre>lib/gssapi/mechglue/g_glue.c</pre>

<pre>lib/gssapi/mechglue/g_imp_name.c</pre>

<pre>lib/gssapi/mechglue/g_imp_sec_context.c</pre>

<pre>lib/gssapi/mechglue/g_glue.c</pre>

<pre>lib/gssapi/mechglue/g_imp_name.c</pre>
class="n">g_init_sec_context</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_initialize</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_inquire_context</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_inquire_cred</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_inquire_names</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_process_context</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_rel_buffer</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_rel_cred</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_rel_name</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_rel_oid_set</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_seal</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_sign</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_store_cred</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_unseal</span><span class="o">.</span><span class="n">c</span>  

class="o">lib</span><span class="n">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_userok</span><span class="o">.</span><span class="n">c"/>

<docid>6350</docid>
and the initial implementation of incremental propagation, including
the following new or changed files:

- `iprop_hdr.h`
- `kadmin/server/ipropd_svc.c`
- `lib/kdb/iprop.x`
- `lib/kdb/kdb_convert.c`
- `lib/kdb/kdb_log.c`
- `lib/krb5/error_tables/krb5_err.et`
- `kprop/kpropd_rpc.c`
- `kprop/kproplog.c`

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.. parsed-literal::

   lib/gssapi/generic/gssapi_err_generic.et
   lib/gssapi/mechglue/g_accept_sec_context.c
   lib/gssapi/mechglue/g_acquire_cred.c
   lib/gssapi/mechglue/g_canon_name.c
   lib/gssapi/mechglue/g_compare_name.c
   lib/gssapi/mechglue/g_context_time.c
   lib/gssapi/mechglue/g_delete_sec_context.c
   lib/gssapi/mechglue/g_dsp_name.c
   lib/gssapi/mechglue/g_dsp_status.c
   lib/gssapi/mechglue/g_dup_name.c
   lib/gssapi/mechglue/g_exp_sec_context.c
and the initial implementation of incremental propagation, including the following new or changed files:

.. parsed-literal::

    include/iprop_hdr.h
    kadmin/server/ipropd_svc.c
    lib/kdb/prop.x
    lib/kdb/kdb_convert.c
    lib/kdb/kdb_log.c
    lib/kdb/kdb_log.h
    lib/krb5/error_tables/kdb5_err.et
    kprop/kpropd_rpc.c
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lib/gssapi/mechglue/g_acquire_cred.c
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lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
and the initial implementation of incremental propagation, including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line
# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
        if text_seen:
            warn(fname, ln, 'License begins after first line of comment')
        elif code_seen:
            warn(fname, ln, 'License after code')
        elif nonlicense_seen:
            warn(fname, ln, 'License after non-license comments')
        break
        # DB2 licenses start with '/*- and we don’t want to change them.
        if line != '' and line != '-*
            text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c;' in lines[ln]:
        ln += 1
    # Check filename comment if present.
    m = re.match(r'/\* ([^\*]){\([^*]){[^/]*}\*/', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1
    # Check for license statements.
    in_comment = False
    code_seen = False
    nonlicense_seen = False
    for line in lines[ln:]:
        # Strip out whitespace and comments contained within a line.
        if not in_comment:
            line = re.sub(r'\S*?\*\S*', '', line)
        line = line.strip()
        if not in_comment and '/\* in line:
            (line, sep, comment_part) = line.partition('/\*')
        comment = [comment_part.strip()]
        comment_starts_at = ln
in_comment = True
elif in_comment and "*/" not in line:
    comment.append(line.lstrip("*/").lstrip())
elif in_comment:
    (comment_part, sep, line) = line.partition("*/")
    comment.append(comment_part.strip())
is_license = check_comment(comment, fname, comment_starts_at,
    code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
elif line.strip() != "":
    code_seen = True

ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)

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*/

1.610 metrics-httpclient 4.1.11

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1.611 log-rotate 3.8.7 2ubuntu2.16.04.2

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Protocol Buffers for Go with Gadgets

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https://github.com/golang/protobuf

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package engine

import (   "bytes"   "encoding/json"   "strings"   "testing"   "time"

    "github.com/docker/cli/cli/command/formatter"
    "github.com/docker/cli/internal/licenseutils"
    "github.com/docker/licensing/model"
    "gotest.tools/assert"
    is "gotest.tools/assert/cmp"
)

func TestSubscriptionContextWrite(t *testing.T) {
    cases := []struct {
        context  formatter.Context
        expected string
    }{
        // Errors
        {
            formatter.Context{Format: "{{InvalidFunction}}"},
            "Template parsing error: template: :1: function "InvalidFunction" not defined",
        },
        {
            formatter.Context{Format: "{{nil}}"},
            "Template parsing error: template: :1:2: executing "" at <nil>: nil is not a command",
        },
        // Table format
        {
            formatter.Context{Format: NewSubscriptionsFormat("table", false)},
            "NUM         OWNER       PRODUCT ID          EXPIRES                         PRICING COMPONENTS
1          owner1    productid1   2020-01-01 10:00:00 +0000 UTC   compstring
2          owner2    productid2   2020-01-01 10:00:00 +0000 UTC   compstring
`,
        },
        {
            formatter.Context{Format: NewSubscriptionsFormat("table", true)},
            "1:License Name: name1Quantity: 10 nodesExpiration date: 2020-01-01
2:License Name: name2Quantity: 20 nodesExpiration date: 2020-01-01",
        },
    }
    for _, c := range cases {
        if assert.Equal(t, c.expected, c.context.AsString()) {
            t.Errorf("Expected %s, got %s", c.expected, c.context.AsString())
        }
    }
}

func TestSubscriptionContextWriteWithErrors(t *testing.T) {
    cases := []struct {
        context  formatter.Context
        expected string
    }{
        // Errors
        {
            formatter.Context{Format: "{{InvalidFunction}}"},
            "Template parsing error: template: :1: function "InvalidFunction" not defined",
        },
        {
            formatter.Context{Format: "{{nil}}"},
            "Template parsing error: template: :1:2: executing "" at <nil>: nil is not a command",
        },
        // Table format
        {
            formatter.Context{Format: NewSubscriptionsFormat("table", false)},
            "NUM         OWNER       PRODUCT ID          EXPIRES                         PRICING COMPONENTS
1          owner1    productid1   2020-01-01 10:00:00 +0000 UTC   compstring
2          owner2    productid2   2020-01-01 10:00:00 +0000 UTC   compstring
`,
        },
        {
            formatter.Context{Format: NewSubscriptionsFormat("table", true)},
            "1:License Name: name1Quantity: 10 nodesExpiration date: 2020-01-01
2:License Name: name2Quantity: 20 nodesExpiration date: 2020-01-01",
        },
    }
    for _, c := range cases {
        if assert.Equal(t, c.expected, c.context.AsString()) {
            t.Errorf("Expected %s, got %s", c.expected, c.context.AsString())
        }
    }
}
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")

for _ , testcase := range cases {
    subscriptions := []licenseutils.LicenseDisplay{
    }
Num: 1,
Owner: "owner1",
Subscription: model.Subscription{
  ID: "id1",
  Name: "name1",
  ProductID: "productid1",
  Expires: &expiration,
  PricingComponents: model.PricingComponents{
    &model.SubscriptionPricingComponent{
      Name: "nodes",
      Value: 10,
      },
    },
  },
ComponentsString: "compstring",
}

Num: 2,
Owner: "owner2",
Subscription: model.Subscription{
  ID: "id2",
  Name: "name2",
  ProductID: "productid2",
  Expires: &expiration,
  PricingComponents: model.PricingComponents{
    &model.SubscriptionPricingComponent{
      Name: "nodes",
      Value: 20,
      },
    },
  },
ComponentsString: "compstring",
}

out := &bytes.Buffer{

testcase.context.Output = out
er := SubscriptionsWrite(testcase.context, subscriptions)
if err != nil {
  assert.Error(t, err, testcase.expected)
} else {
  assert.Check(t, is.Equal(testcase.expected, out.String()))
}

func TestSubscriptionContextWriteJSON(t *testing.T) {
  expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")
  subscriptions := []licenseutils.LicenseDisplay{
```json
{
Num: 1,
Owner: "owner1",
Subscription: model.Subscription{
ID: "id1",
Name: "name1",
ProductID: "productid1",
Expires: &expiration,
PricingComponents: model.PricingComponents{
&model.SubscriptionPricingComponent{
Name: "nodes",
Value: 10,
},
},
ComponentsString: "compstring",
},
Num: 2,
Owner: "owner2",
Subscription: model.Subscription{
ID: "id2",
Name: "name2",
ProductID: "productid2",
Expires: &expiration,
PricingComponents: model.PricingComponents{
&model.SubscriptionPricingComponent{
Name: "nodes",
Value: 20,
},
},
ComponentsString: "compstring",
},
expectedJSONs := []map[string]interface{}{
{
"Owner":     "owner1",
"ComponentsString": "compstring",
"Expires":     "2020-01-01T10:00:00Z",
"DockerID":     "",
"Eusa":     nil,
"ID":     "id1",
"Start":     nil,
"Name":     "name1",
"Num":     float64(1),
"PricingComponents": []interface{}{
map[string]interface{}{

```
"name": "nodes",
"value": float64(10),
}
,
,"ProductID": "productid1",
"ProductRatePlan": "",
"ProductRatePlanID": "",
"State": "",
"Summary": "License Name: name1\tQuantity: 10 nodes\tExpiration date: 2020-01-01",
},
{
"Owner": "owner2",
"ComponentsString": "compstring",
"Expires": "2020-01-01T10:00:00Z",
"DockerID": "",
"Eusa": nil,
"ID": "id2",
"Start": nil,
"Name": "name2",
"Num": float64(2),
"PricingComponents": []interface{}{
map[string]interface{}{
"name": "nodes",
"value": float64(20),
},
},
,"ProductID": "productid2",
"ProductRatePlan": "",
"ProductRatePlanID": "",
"State": "",
"Summary": "License Name: name2\tQuantity: 20 nodes\tExpiration date: 2020-01-01",
},

out := &bytes.Buffer{}
err := SubscriptionsWrite(formatter.Context{Format: "{{json .}}", Output: out}, subscriptions)
if err != nil {
t.Fatal(err)
}
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
var m map[string]interface{}
if err := json.Unmarshal([]byte(line), &m); err != nil {
t.Fatal(err)
}
assert.Check(t, is.DeepEqual(expectedJSONs[i], m))
}
func TestSubscriptionContextWriteJSONField(t *testing.T) {
    subscriptions := []licenseutils.LicenseDisplay{
        {Num: 1, Owner: "owner1"},
        {Num: 2, Owner: "owner2"},
    }
    out := &bytes.Buffer{
        if err != nil {
            t.Fatal(err)
        }
        i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
            s := string
            if err := json.Unmarshal([]byte(line), &s); err != nil {
                t.Fatal(err)
            }
            assert.Check(t, is.Equal(subscriptions[i].Owner, s))
        }
    }

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import (  
    "time"

    "github.com/docker/cli/cli/command/formatter"
    "github.com/docker/cli/internal/licenseutils"
    "github.com/docker/licensing/model"
)

const (  
    defaultSubscriptionsTableFormat = "table
            {{.Num}}\t{{.Owner}}\t{{.ProductID}}\t{{.Expires}}\t{{.ComponentsString}}"
    defaultSubscriptionsQuietFormat = "{{.Num}}:{{.Summary}}"
    numHeader               = "NUM"
    ownerHeader             = "OWNER"
    licenseNameHeader       = "NAME"
    idHeader                = "ID"
    dockerIDHeader          = "DOCKER ID"
    productIDHeader         = "PRODUCT ID"
    productRatePlanHeader   = "PRODUCT RATE PLAN"
    productRatePlanIDHeader = "PRODUCT RATE PLAN ID"
    startHeader             = "START"
    expiresHeader           = "EXPIRES"
    stateHeader             = "STATE"
    eusaHeader              = "EUSA"
    pricingComponentsHeader = "PRICING COMPONENTS"
)

// NewSubscriptionsFormat returns a Format for rendering using a license Context  
func NewSubscriptionsFormat(source string, quiet bool) formatter.Format {    
switch source {        
    case formatter.TableFormatKey:        
        if quiet {        
            return defaultSubscriptionsQuietFormat        
        }
        return defaultSubscriptionsTableFormat        
    case formatter.RawFormatKey:        
        if quiet {        
            return `license: {{.ID}}`
        }
        return `license: {{.ID}}\nname: {{.Name}}\nowner: {{.Owner}}\ncomponents: {{.ComponentsString}}\n`        
    }
    return formatter.Format(source)    
}
func SubscriptionsWrite(ctx formatter.Context, subs []licenseutils.LicenseDisplay) error {
    render := func(format func(subContext formatter.SubContext) error) error {
        for _, sub := range subs {
            licenseCtx := &licenseContext{trunc: ctx.Trunc, l: sub}
            if err := format(licenseCtx); err != nil {
                return err
            }
        }
        return nil
    }
    licenseCtx := licenseContext{
        Header: map[string]string{
            "Num":               numHeader,
            "Owner":             ownerHeader,
            "Name":              licenseNameHeader,
            "ID":                idHeader,
            "DockerID":          dockerIDHeader,
            "ProductID":         productIDHeader,
            "ProductRatePlan":   productRatePlanHeader,
            "ProductRatePlanID": productRatePlanIDHeader,
            "Start":             startHeader,
            "Expires":           expiresHeader,
            "State":             stateHeader,
            "Eusa":              eusaHeader,
            "ComponentsString":  pricingComponentsHeader,
        }
    }
    return ctx.Write(&licenseCtx, render)
}

type licenseContext struct {
    formatter.HeaderContext
    trunc bool
    l     licenseutils.LicenseDisplay
}

func (c *licenseContext) MarshalJSON() ([]byte, error) {
    return formatter.MarshalJSON(c)
}

func (c *licenseContext) Num() int {
    return c.l.Num
}

func (c *licenseContext) Owner() string {
    return c.l.Owner
}
func (c *licenseContext) ComponentsString() string {
    return c.l.ComponentsString
}

func (c *licenseContext) Summary() string {
    return c.l.String()
}

func (c *licenseContext) Name() string {
    return c.l.Name
}

func (c *licenseContext) ID() string {
    return c.l.ID
}

func (c *licenseContext) DockerID() string {
    return c.l.DockerID
}

func (c *licenseContext) ProductID() string {
    return c.l.ProductID
}

func (c *licenseContext) ProductRatePlan() string {
    return c.l.ProductRatePlan
}

func (c *licenseContext) ProductRatePlanID() string {
    return c.l.ProductRatePlanID
}

func (c *licenseContext) Start() *time.Time {
    return c.l.Start
}

func (c *licenseContext) Expires() *time.Time {
    return c.l.Expires
}

func (c *licenseContext) State() string {
    return c.l.State
}

func (c *licenseContext) Eusa() *model.EusaState {
    return c.l.Eusa
}
func (c *licenseContext) PricingComponents() []model.SubscriptionPricingComponent {
    // Dereference the pricing component pointers in the pricing components
    // so it can be rendered properly with the template formatter

    var ret []model.SubscriptionPricingComponent
    for _, spc := range c.l.PricingComponents {
        if spc == nil {
            continue
        }
        ret = append(ret, *spc)
    }
    return ret
}

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Gocheck - A rich testing framework for Go

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Licensed under the Apache License, Version 2.0 (the "License");
package licensing

import (
    "context"
    "crypto/hmac"
    "crypto/sha256"
    "encoding/base64"
    "encoding/json"
    "fmt"
    "time"

    "github.com/docker/libtrust"
    "github.com/docker/licensing/lib/errors"
    "github.com/docker/licensing/lib/go-clientlib"
    "github.com/docker/licensing/model"
)

func (c *client) getLicenseFile(ctx context.Context, subID string) (*model.IssuedLicense, error) {
    url := c.baseURI
    url.Path += fmt.Sprintf("/api/billing/v4/subscriptions/%s/license-file", subID)

    license := new(model.IssuedLicense)
    if _, _, err := c.doReq(ctx, "GET", &url, clientlib.RecvJSON(license)); err != nil {
        return nil, err
    }

    return license, nil
}

// Check verifies that the license identified by the given key id is valid. Note that it does not
// interrogate the contents of the license.
func (c *client) check(ctx context.Context, license model.IssuedLicense) (*model.CheckResponse, error) {
    keyID := license.KeyID
    privateKey := license.PrivateKey

    authorization, err := c.getAuthorization(ctx, license)
    if err != nil {
        return nil, err
    }

    // ...
// TODO: Mason - replace this parseJWS with a non libtrust lib
signature, err := libtrust.ParseJWS(authorization)
if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
        "key_id": keyID,
    }, "license parse JWS failed")
}

keys, err := signature.Verify()
if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
        "key_id": keyID,
    }, "license signature verification failed")
}

keyCnt := len(keys)
if keyCnt != 1 {
    err = fmt.Errorf("unexpected number of signing keys (%d)", keyCnt)
    return nil, errors.WithStack(err).With(errors.Fields{
        "key_id": keyID,
    })
}

key := keys[0]
if !c.recognizedSigningKey(key) {
    return nil, errors.New("unrecognized signing key")
}

payload, err := signature.Payload()
if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
        "key_id": keyID,
    }, "malformed signature payload")
}

checkRes := new(model.CheckResponse)
err = json.Unmarshal(payload, &checkRes)
if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
        "key_id": keyID,
    }, "license payload unmarshal failed")
}

msg := checkRes.Expiration.Format(time.RFC3339)
if err := checkToken(msg, checkRes.Token, privateKey); err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    })
}

return checkRes, nil
}

// recognizedSigningKey returns true if the given key is signed with a recognized signing key, false otherwise
func (c *client) recognizedSigningKey(key libtrust.PublicKey) bool {
    for _, publicKey := range c.publicKeys {
        if key.KeyID() == publicKey.KeyID() {
            return true
        }
    }
    return false
}

// getAuthorization returns the decoded license authorization
func (c *client) getAuthorization(ctx context.Context, license model.IssuedLicense) ([]byte, error) {
    decoded, err := base64.StdEncoding.DecodeString(license.Authorization)
    if err != nil {
        return nil, errors.Wrapf(err, errors.Fields{
            "key_id": license.KeyID,
        }, "decoding license authorization failed")
    }
    return decoded, nil
}

// All of the functions in this file assume that they are receiving a properly formatted private key.

// checkToken performs a MAC algorithm (where token is generated by hashing the message with the privateKey via GenerateToken) with the purpose of authenticating the validity of both the message and the private key of the person who generated the token.
func checkToken(message, token, privateKey string) error {
    tokenBytes, err := base64.URLEncoding.DecodeString(token)
    if err != nil {
        return errors.Wrap(err, errors.Fields{"token": token})
    }

    generatedToken, err := generateToken(message, privateKey)
    if err != nil {
        return errors.Wrap(err, errors.Fields{"token": token})
    }

    return nil
}
generatedBytes, err := base64.URLEncoding.DecodeString(generatedToken)
if err != nil {
    return errors.Wrap(err, errors.Fields{"token": token})
}

if !hmac.Equal(tokenBytes, generatedBytes) {
    return errors.Forbidden(errors.Fields{"token": token}, "invalid token")
}

return nil
}

// generateToken generates a hash of the message with the privateKey via the
// sha256 algorithm.
func generateToken(message, privateKey string) (string, error) {
    key, err := base64.URLEncoding.DecodeString(privateKey)
    if err != nil {
        return "", errors.Wrap(err, errors.Fields{"msg": message})
    }

    h := hmac.New(sha256.New, key)
    h.Write([]byte(message))
    return base64.URLEncoding.EncodeToString(h.Sum(nil)), nil
}

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package model

import "time"

// A CheckResponse is the internal content of the PublicCheckResponse signed
// json blob.
//
// model.CheckResponse struct {
Expiration time.Time `json:"expiration"
Token string `json:"token"
MaxEngines int `json:"maxEngines"
ScanningEnabled bool `json:"scanningEnabled"
Type string `json:"licenseType"
Tier string `json:"tier"
}

// IssuedLicense represents an issued license
//
// model.IssuedLicense struct {
KeyID string `json:"key_id"
PrivateKey string `json:"private_key"
Authorization string `json:"authorization"
}

// Valid returns true if the License is syntactically valid, false otherwise
//
func (l *IssuedLicense) Valid() (bool, string) {


if l.KeyID == "" {
    return false, "empty key_id"
}

if l.PrivateKey == "" {
    return false, "empty private_key"
}

if l.Authorization == "" {
    return false, "empty authorization"
}

return true, ""
}

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1.626 jdom 1.0.0

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1.641 gccgo 6.0.1-0ubuntu1

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Jan 21, 2002

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package gnu.classpath.tools.taglets;

import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.javadoc.Tag;

/**
 *  A simple Taglet which handles Copyright information.
 */
public class CopyrightTaglet implements Taglet {

    private static final String NAME = "copyright";
    private static final String HEADER = "Copyright:";

    public String getName() {
        return NAME;
    }

    public boolean inField() {
        return true;
    }

}
public boolean inConstructor() {
    return true;
}

public boolean inMethod() {
    return true;
}

public boolean inOverview() {
    return true;
}

public boolean inPackage() {
    return true;
}

public boolean inType() {
    return true;
}

public boolean isInlineTag() {
    return false;
}

public static void register(Map tagletMap) {
    CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
    tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
}

public String toString(Tag tag) {
    return toString(new Tag[] { tag });
}

public String toString(Tag[] tags) {
    if (tags.length == 0) {
        return null;
    }

    boolean haveValidTag = false;
    for (int i = 0; i < tags.length && !haveValidTag; ++i) {
        if (tags[i].text().length() > 0) {
            haveValidTag = true;
        }
    }

    if (haveValidTag) {
        StringBuffer result = new StringBuffer();
        result.append("<dl>");
    }

    if (haveValidTag) {
        StringBuffer result = new StringBuffer();
        result.append("<dl>");
        result.append("<dt>Source Code</dt>");
        result.append("<dd>");
        result.append("Some source code");
        result.append("</dd>");
        result.append("</dl>");
    }

    return result.toString();
}
for (int i = 0; i < tags.length; i++) {
    if (tags[i].text().length() > 0) {
        result.append("<dt><i>Copyright &© " + tags[i].text() + "</i></dt>");
    }
}
result.append("</dl>");
return result.toString();
}
else {
    return null;
}
}
}
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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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.

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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.

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

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

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

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

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

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

That's all there is to it!

// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

#ifndef __java_security_Permission__
#define __java_security_Permission__

#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
 namespace java
 {
 namespace security
 {


class Permission;
class PermissionCollection;

}
}

class java::security::Permission : public ::java::lang::Object
{

public:
  Permission(::java::lang::String *);
  virtual void checkGuard(::java::lang::Object *);
  virtual jboolean implies(::java::security::Permission *) = 0;
  virtual jboolean equals(::java::lang::Object *) = 0;
  virtual jint hashCode() = 0;
  virtual ::java::lang::String * getName();
  virtual ::java::lang::String * getActions() = 0;
  virtual ::java::security::PermissionCollection * newPermissionCollection();
  virtual ::java::lang::String * toString();

private:
  static const jlong serialVersionUID = -5636570222231596674LL;
  ::java::lang::String * __attribute__((aligned(__alignof__(::java::lang::Object)))) name;

public:
  static ::java::lang::Class class$;
};

#ifndef __java_security_Permission__
@end 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.
@c man end
@c BEGIN GNU General Public License

@node Copying
@c man begin DESCRIPTION
  GNU General Public License
@center Version 3, 29 June 2007
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@end ignore
@c END GNU General Public License
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The precise terms and conditions for copying, distribution and modification follow.

@heading TERMS AND CONDITIONS

@enumerate 0
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@enumerate a
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@end c man end
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package java.security;

import gnu.java.lang.CPStringBuilder;

import java.io.Serializable;

/**
 * This class is the abstract superclass of all classes that implement
 * the concept of a permission. A permission consists of a permission name
 * and optionally a list of actions that relate to the permission. The
 * actual meaning of the name of the permission is defined only in the
 * context of a subclass. It may name a resource to which access permissions
 * are granted (for example, the name of a file) or it might represent
 * something else entirely. Similarly, the action list only has meaning
 * within the context of a subclass. Some permission names may have no
 * actions associated with them. That is, you either have the permission
 * or you don't.
 * 
 * <p>The most important method in this class is <code>implies</code>. This
* checks whether if one has this permission, then the specified
* permission is also implied. As a conceptual example, consider the
* permissions "Read All Files" and "Read File foo". The permission
* "Read All Files" implies that the caller has permission to read the
* file foo.
*
* <p><code>Permission</code>'s must be immutable - do not change their
* state after creation.
*
* @author Aaron M. Renn (arenn@urbanophile.com)
* @see Permissions
* @see PermissionCollection
* @since 1.1
* @status updated to 1.4
*/

```java
public abstract class Permission implements Guard, Serializable
{
/**
 * Compatible with JDK 1.1+
 */
private static final long serialVersionUID = -563657022231596674L;

/**
 * This is the name assigned to this permission object.
 *
 * @serial the name of the permission
 */
private String name;

/**
 * Create an instance with the specified name.
 *
 * @param name the permission name
 */
public Permission(String name)
{
    this.name = name;
}

/**
 * This method implements the <code>Guard</code> interface for this class.
 * It calls the <code>checkPermission</code> method in
 * <code>SecurityManager</code> with this <code>Permission</code> as its
 * argument. This method returns silently if the security check succeeds
 * or throws an exception if it fails.
 *
 * @param obj the <code>Object</code> being guarded - ignored by this class
 * @throws SecurityException if the security check fails
 */
```
public void checkGuard(Object obj) {
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
        sm.checkPermission(this);
}

/**
 * This method tests whether this <code>Permission</code> implies that the
 * specified <code>Permission</code> is also granted.
 * @param perm the <code>Permission</code> to test against
 * @return true if perm is implied by this
 */
public abstract boolean implies(Permission perm);

/**
 * Check to see if this object equals obj. Use <code>implies</code>, rather
 * than <code>equals</code>, when making access control decisions.
 * @param obj the object to compare to
 */
public abstract boolean equals(Object obj);

/**
 * This method returns a hash code for this <code>Permission</code>. It
 * must satisfy the contract of <code>Object.hashCode</code>: it must be
 * the same for all objects that equals considers to be the same.
 * @return a hash value
 */
public abstract int hashCode();

/**
 * Get the name of this <code>Permission</code>.
 * @return the name
 */
public final String getName() {
    return name;
}

/**
 * This method returns the list of actions for this <code>Permission</code>
as a `<code>String</code>`. The string should be in canonical order, for example, both `<code>new FilePermission(f, "write,read")</code>` and `<code>new FilePermission(f, "read,write")</code>` have the action list "read,write".

@returns the action list for this `<code>Permission</code> *

```java
public abstract String getActions();
```

/**
 * This method returns an empty `<code>PermissionCollection</code>` object that can store permissions of this type, or `<code>null</code>` if no such collection is defined. Subclasses must override this to provide an appropriate collection when one is needed to accurately calculate `<code>implies</code>`.

@returns a new `<code>PermissionCollection</code>`

```java
public PermissionCollection newPermissionCollection()
{
    return null;
}
```

/**
 * This method returns a `<code>String</code>` representation of this `<code>Permission</code>` object. This is in the format:
 * `<code>(' + getClass().getName() + ' ' + getName() + ' ' + getActions + ')'</code>
 *
@returns this object as a `<code>String</code>`

```java
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();
    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());
    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }
    string = string.append(')');
    return string.toString();
}
```
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Version 3.1, 31 March 2009

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GCCRUNTIMELIBRARYEXCEPTION

Version 3.1, 31 March 2009

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We can probably offer suggestions.

#!/usr/bin/python
#
# Copyright (C) 2013-2016 Free Software Foundation, Inc.
#
# This script is free software; you can redistribute it and/or modify 
# it under the terms of the GNU General Public License as published by 
# the Free Software Foundation; either version 3, or (at your option) 
# any later version.
#
# This script adjusts the copyright notices at the top of source files 
# so that they have the form:
#
# Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or 
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in 
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite, 
# while most tests in other directories are just things that failed at some 
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
#    update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
#    update-copyright.pl --this-year libjava
#
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__(self):
        self.num_errors = 0

def report(self, filename, string):
    if filename:
        string = filename + ': ' + string
    sys.stderr.write(string + '
')
    self.num_errors += 1

def ok(self):
    return self.num_errors == 0

class GenericFilter:
    def __init__(self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set([
# Skip licence files.
'COPYING',
'COPYING.LIB',
'COPYING3',
'COPYING3.LIB',
'LICENSE',
'fdl.texi',
'gpl_v3.texi',
'fdl-1.3.xml',
'gpl-3.0.xml',

# Skip auto- and libtool-related files
'aclocal.m4',
'compile',
'config.guess',
'config.sub',
'depcomp',
'install-sh',
'libtool.m4',
'ltmain.sh',
'ltoptions.m4',
'lt.sugar.m4',
'ltversion.m4',
'lt~obsolete.m4',
'missing',
'mkdep',
'mkinstalldirs',
'move-if-change',
'shlibpath.m4',
'symlink-tree',
'ylwrap',

# Skip FSF mission statement, etc.
'gnu.texi',
'funding.texi',
'appendix_free.xml',

# Skip imported texinfo files.
'texinfo.tex',
l)

def get_line_filter (self, dir, filename):
    if filename.startswith ('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile ('\t')

    return None
def skip_file(self, dir, filename):
    if filename in self.skip_files:
        return True

    (base, extension) = os.path.splitext(os.path.join(dir, filename))
    if extension in self.skip_extensions:
        return True

    if extension == '.in':
        # Skip .in files produced by automake.
        if os.path.exists(base + '.am'):
            return True

        # Skip files produced by autogen
        if (os.path.exists(base + '.def')
            and os.path.exists(base + '.tpl')):
            return True

    # Skip configure files produced by autoconf
    if filename == 'configure':
        if os.path.exists(base + '.ac'):
            return True
        if os.path.exists(base + '.in'):
            return True

    return False

def skip_dir(self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file(self, dir, filename):
    if filename in self.fossilised_files:
        return True

    # Only touch current ChangeLogs.
    if filename != 'ChangeLog' and filename.find('ChangeLog') >= 0:
        return True

    return False

def by_package_author(self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__(self, errors):
        self.errors = errors

        # Characters in a range of years. Include '.' for typos.
        ranges = '[0-9][?[-0-9,\s]\s+and\s+]*[0-9]'
# Non-whitespace characters in a copyright holder's name.
name = '[\w.,-]'

# Matches one year.
self.year_re = re.compile ('[0-9]+')

# Matches part of a year or copyright holder.
self.continuation_re = re.compile (ranges + '|' + name)

# Matches a full copyright notice:
self.copyright_re = re.compile (  
    # 1: 'Copyright (C)', etc.
    '(\[Cc\]opyright'  
      '[\[Cc\]opyright\s+\[Cc\]])'  
      '[\[Cc\]opyright\s+%s'  
      '[\[Cc\]opyright\s+&copy;]'  
      '[\[Cc\]opyright\s+@copyright{ }]'  
      'copyright = u"'  
      '@set\s+copyright\[w-\]+'
    # 2: the years. Include the whitespace in the year, so that
    # we can remove any excess.
    '\s*\(?::;? + ranges + \,?"'  
    '\@value\{[^{}]*\}\s*['
    # 3: 'by ', if used
    '(by\s+)?'  
    # 4: the copyright holder. Don't allow multiple consecutive
    # spaces, so that right-margin gloss doesn't get caught
    # (e.g. gnat_ugn.texi).
    '(' + name + '(?:\s+' + name + ')*)?'
    # A regexp for notices that might have slipped by. Just matching
    # 'copyright' is too noisy, and 'copyright.*\[0-9]' falls foul of
    # HTML header markers, so check for 'copyright' and two digits.
    self.other_copyright_re = re.compile ('copyright.*\[0-9]\[0-9\]',
        re.IGNORECASE)
    self.comment_re = re.compile('#+|[*]+|;+|%+|//+|@c |dnl ')
    self.holders = { '@copying': '@copying' }
    self.holder_prefixes = set()
    # True to 'quilt add' files before changing them.
    self.use_quilt = False
    # If set, force all notices to include this year.
    self.max_year = None
# Goes after the year(s). Could be ‘,’.
self.separator = ' ' 

def add_package_author(self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find (' ')
    while index >= 0:
        self.holder_prefixes.add (holder[:index])
        index = holder.find (' ', index + 1)

def add_external_author(self, holder):
    self.holders[holder] = None

class BadYear():
    def __init__(self, year):
        self.year = year
    def __str__(self):
        return 'unrecognised year: ' + self.year

def parse_year(self, string):
    year = int (string)
    if len (string) == 2:
        if year > 70:
            return year + 1900
        elif len (string) == 4:
            return year
        raise self.BadYear (string)

def year_range(self, years):
    year_list = [self.parse_year (year)
                 for year in self.year_re.findall (years)]
    assert len (year_list) > 0
    return (min (year_list), max (year_list))

def set_use_quilt(self, use_quilt):
    self.use_quilt = use_quilt

def include_year(self, year):
    assert not self.max_year
    self.max_year = year

def canonicalise_years(self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith ('@value'):
return years

(min_year, max_year) = self.year_range(years)

# Update the upper bound, if enabled.
if self.max_year and not filter.is_fossilised_file(dir, filename):
    max_year = max(max_year, self.max_year)

# Use a range.
if min_year == max_year:
    return '%d' % min_year
else:
    return '%d-%d' % (min_year, max_year)

def strip_continuation(self, line):
    line = line.lstrip()
    match = self.comment_re.match(line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete(self, match):
    holder = match.group(4)
    return (holder
            and (holder not in self.holder_prefixes
                 or holder in self.holders))

def update_copyright(self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join(dir, filename)

    intro = match.group(1)
    if intro.startswith('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end(2):].strip()
        if after_years != ':
            self.errors.report(pathname,
                'trailing characters in @set: ' + after_years)
            return (False, orig_line, next_line)
    else:
        # If it looks like the copyright is incomplete, add the next line.
        while not self.is_complete(match):
            try:
                next_line = file.next()
            except StopIteration:
                break
# If the next line doesn’t look like a proper continuation, 
# assume that what we’ve got is complete.
continuation = self.strip_continuation (next_line)
if not self.continuation_re.match (continuation):
    break

# Merge the lines for matching purposes.
orig_line += next_line
line = line.rstrip() + ' ' + continuation
next_line = None

# Rematch with the longer line, at the original position.
match = self.copyright_re.match (line, match.start())
assert match
holder = match.group (4)

# Use the filter to test cases where markup is getting in the way.
if filter.by_package_author (dir, filename):
    assert holder not in self.holders

elif not holder:
    self.errors.report (pathname, 'missing copyright holder')
    return (False, orig_line, next_line)

elif holder not in self.holders:
    self.errors.report (pathname,
    'unrecognised copyright holder: ' + holder)
    return (False, orig_line, next_line)

else:
    # See whether the copyright is associated with the package
    # author.
canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start (4)]
        + canon_form
        + line[match.end (4):])

    # Remove any 'by'
    line = line[:match.start (3)] + line[match.end (3):]

    # Update the copyright years.
    years = match.group (2).strip()}
try:
    canon_form = self.canonicalise_years (dir, filename, filter, years)
except self.BadYear as e:
    self.errors.report (pathname, str (e))
    return (False, orig_line, next_line)

line = (line[:match.start (2)]
    + ('' if intro.startswith ('copyright = ') else ' ')
    + canon_form + self.separator
    + line[match.end (2):])

# Use the standard (C) form.
if intro.endswith ('right'):
    intro += ' (C)'
elif intro.endswith ('(c)'):
    intro = intro[:-3] + '(C)'
line = line[:match.start (1)] + intro + line[match.end (1):]

# Strip trailing whitespace
line = line.rstrip() + '\n'
return (line != orig_line, line, next_line)

def process_file (self, dir, filename, filter):
    pathname = os.path.join (dir, filename)
    if filename.endswith ('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove (pathname)
        except OSError:
            pass
        return
    lines = []
    changed = False
    line_filter = filter.get_line_filter (dir, filename)
    with open (pathname, 'r') as file:
        prev = None
        for line in file:
            while line:
                next_line = None
                # Leave filtered-out lines alone.
                if not (line_filter and line_filter.match (line)):
                    match = self.copyright_re.search (line)
                    if match:
                        res = self.update_copyright (dir, filename, filter, 
                            file, line, match)
                        (this_changed, line, next_line) = res
                line = (line[:match.start (2)]
                    + ('' if intro.startswith ('copyright = ') else ' ')
                    + canon_form + self.separator
                    + line[match.end (2):])
                # Use the standard (C) form.
                if intro.endswith ('right'):
                    intro += ' (C)'
                elif intro.endswith ('(c)'):
                    intro = intro[:-3] + '(C)'
                line = line[:match.start (1)] + intro + line[match.end (1):]
                # Strip trailing whitespace
                line = line.rstrip() + '\n'
                return (line != orig_line, line, next_line)
changed = changed or this_changed

# Check for copyright lines that might have slipped by.
elif self.other_copyright_re.search(line):
    self.errors.report(pathname,
        'unrecognised copyright: %s'
% line.strip())
    lines.append(line)
    line = next_line

# If something changed, write the new file out.
if changed and self.errors.ok():
    tmp_pathname = pathname + '.tmp'
    with open(tmp_pathname, 'w') as file:
        for line in lines:
            file.write(line)
    if self.use_quilt:
        subprocess.call(['quilt', 'add', pathname])
    os.rename(tmp_pathname, pathname)

def process_tree(self, tree, filter):
    for (dir, subdirs, filenames) in os.walk(tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange(len(subdirs) - 1, -1, -1):
            if filter.skip_dir(dir, subdirs[i]):
                del subdirs[i]

        # Handle the files in this directory.
        for filename in filenames:
            if filter.skip_file(dir, filename):
                sys.stdout.write('Skipping %s
' % os.path.join(dir, filename))
            else:
                self.process_file(dir, filename, filter)

class CmdLine:
    def __init__(self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright(self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []

        self.add_option('--help', 'Print this help', self.o_help)
        self.add_option('--quilt', '"quilt add" files before changing them',
            self.o_quilt)
def add_option(self, name, help, handler):
    self.option_help.append((name, help))
    self.option_handlers[name] = handler

def add_dir(self, dir, filter=GenericFilter()):
    self.dirs.append((dir, filter))

def o_help(self, option=None):
    sys.stdout.write('Usage: %s [options] dir1 dir2...

    Options:
' % sys.argv[0])
    format = '%-15s %s
'    
    for (what, help) in self.option_help:
        sys.stdout.write(format % (what, help))
    sys.stdout.write('
Directories:
')
    format = '%-25s
'    
    i = 0
    for (dir, filter) in self.dirs:
        i += 1
        if i % 3 == 0 or i == len(self.dirs):
            sys.stdout.write(dir + '
')
        else:
            sys.stdout.write(format % dir)
    sys.exit(0)

def o_quilt(self, option):
    self.copyright.set_use_quilt(True)

def o_this_year(self, option):
    self.copyright.include_year(time.localtime().tm_year)

def main(self):
    for arg in sys.argv[1:]:
        if arg[1:] != '':
            self.chosen_dirs.append(arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg](arg)
        else:
            self.errors.report(None, 'unrecognised option: ' + arg)
    if self.errors.ok():
        if len(self.chosen_dirs) == 0:
            self.chosen_dirs = self.default_dirs
        if len(self.chosen_dirs) == 0:
            self.o_help()
for chosen_dir in self.chosen_dirs:
    canon_dir = os.path.join (chosen_dir, ")
    count = 0
    for (dir, filter) in self.dirs:
        if (dir + os.sep).startswith (canon_dir):
            count += 1
            self.copyright.process_tree (dir, filter)
    if count == 0:
        self.errors.report (None, 'unrecognised directory: 
                        + chosen_dir)
        sys.exit (0 if self.errors.ok() else 1)

#----------------------------------------------------------------------------------

class TopLevelFilter (GenericFilter):
    def skip_dir (self, dir, subdir):
        return True

class ConfigFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)
    def skip_file (self, dir, filename):
        if filename.endswith ('.m4'):
            pathname = os.path.join (dir, filename)
            with open (pathname) as file:
                # Skip files imported from gettext.
                if file.readline().find ('gettext-') >= 0:
                    return True
            return GenericFilter.skip_file (self, dir, filename)

class GCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_files |= set ([
            # Not part of GCC
            'math-68881.h',
        ])

        self.skip_dirs |= set ([
            # Better not create a merge nightmare for the GNAT folks.
            'ada',

            # Handled separately.
            'testsuite',
        ])
self.skip_extensions |= set([
    # Maintained by the translation project.
    '.po',

    # Automatically-generated.
    '.pot',
])

self.fossilised_files |= set([
    # Old news won't be updated.
    'ONEWS',
])

class TestsuiteFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set([
            # Don't change the tests, which could be woend by anyone.
            '.c',
            '.C',
            '.cc',
            '.h',
            '.hs',
            '.f',
            '.f90',
            '.go',
            '.inc',
            '.java',
        ])

    def skip_file (self, dir, filename):
        # g++.niklas/README contains historical copyright information
        # and isn't updated.
        if filename == 'README' and os.path.basename (dir) == 'g++.niklas':
            return True
        return GenericFilter.skip_file (self, dir, filename)

class LibCppFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set([
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

        def skip_file (self, dir, filename):
            # g++.niklas/README contains historical copyright information
            # and isn't updated.
            if filename == 'README' and os.path.basename (dir) == 'g++.niklas':
                return True
            return GenericFilter.skip_file (self, dir, filename)
class LibGCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set (
            # Imported from GLIBC.
            'soft-fp',
        )

class LibJavaFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set (
            # Handled separately.
            'testsuite',

            # Not really part of the library
            'contrib',

            # Imported from upstream
            'classpath',
            'libltdl',
        )

def get_line_filter (self, dir, filename):
    if filename == 'NameDecoder.h':
        return re.compile ('.*NAME_COPYRIGHT')
    if filename == 'ICC_Profile.h':
        return re.compile ('.*icSigCopyrightTag')
    return GenericFilter.get_line_filter (self, dir, filename)

class LibMudflapFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set (
            # Handled separately.
            'testsuite',
        )

class LibStdCxxFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_files |= set ([]}
# Contains no copyright of its own, but quotes the GPL.
'intro.xml',
]

self.skip_dirs |= set([
    # Contains automatically-generated sources.
    'html',

    # The testsuite data files shouldn't be changed.
    'data',

    # Contains imported images
    'images',
    ])

self.own_files |= set([
    # Contains markup around the copyright owner.
    'spine.xml',
    ])

def get_line_filter (self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile ('// \(C\) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter (self, dir, filename)

class GCCCopyright (Copyright):
    def __init__ (self, errors):
        Copyright.__init__ (self, errors)

        canon_fsf = 'Free Software Foundation, Inc.'
        self.add_package_author ('Free Software Foundation', canon_fsf)
        self.add_package_author ('Free Software Foundation', canon_fsf)
        self.add_package_author ('Free Software Foundation Inc.', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('The Free Software Foundation', canon_fsf)
        self.add_package_author ('The Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('Software Foundation, Inc.', canon_fsf)

        self.add_external_author ('ARM')
        self.add_external_author ('AdaCore')
        self.add_external_author ('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
        self.add_external_author ('Cavium Networks.')
        self.add_external_author ('Faraday Technology Corp.')
        self.add_external_author ('Florida State University')
        self.add_external_author ('Greg Colvin and Beman Dawes.')
        self.add_external_author ('Hewlett-Packard Company')
        self.add_external_author ('Information Technology Industry Council')
self.add_external_author('James Theiler, Brian Gough')
self.add_external_author('Makoto Matsumoto and Takuji Nishimura,')
self.add_external_author('National Research Council of Canada.')
self.add_external_author('NVIDIA Corporation')
self.add_external_author('Peter Dimov and Multi Media Ltd.')
self.add_external_author('Peter Dimov')
self.add_external_author('Pipeline Associates, Inc.')
self.add_external_author('Regents of the University of California.')
self.add_external_author('Silicon Graphics Computer Systems, Inc.')
self.add_external_author('Silicon Graphics')
self.add_external_author('Stephen L. Moshier')
self.add_external_author('Sun Microsystems, Inc. All rights reserved.')
self.add_external_author('The Go Authors. All rights reserved.')
self.add_external_author('The Go Authors. All rights reserved.')
self.add_external_author('The Go Authors.')
self.add_external_author('The Regents of the University of California.')
self.add_external_author('Unicode, Inc.')
self.add_external_author('University of Toronto.')

class GCCCmdLine (CmdLine):
    def __init__ (self):
        CmdLine.__init__ (self, GCCCopyright)

        self.add_dir ('.', TopLevelFilter())
        # boehm-gc is imported from upstream.
        self.add_dir ('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir ('fixincludes')
        self.add_dir ('gcc', GCCFilter())
        self.add_dir (os.path.join ('gcc', 'testsuite'), TestsuiteFilter())
        self.add_dir ('gnatools')
        self.add_dir ('include')
        self.add_dir ('libada')
        self.add_dir ('libatomic')
        self.add_dir ('libbacktrace')
        self.add_dir ('libcpp', LibCppFilter())
        self.add_dir ('libgcc', LibGCCFilter())
        self.add_dir ('libgfortran')
        self.add_dir ('libgomp')
        self.add_dir ('libiberty')
        self.add_dir ('libitm')
        self.add_dir ('libjava', LibJavaFilter())
        self.add_dir (os.path.join ('libjava', 'testsuite'), TestsuiteFilter())
        self.add_dir ('libmudflap', LibMudflapFilter())
        self.add_dir (os.path.join ('libmudflap', 'testsuite'), TestsuiteFilter())
self.add_dir ('libobjc')
self.add_dir ('libquadmath')
# libsanitiser is imported from upstream.
self.add_dir ('libssp')
self.add_dir ('libstdc++v3', LibStdCxxFilter())
self.add_dir ('libvtv')
self.add_dir ('lto-plugin')
# zlib is imported from upstream.

self.default_dirs = ['gcc', 'libada', 'libatomic', 'libbacktrace', 'libcpp', 'libdecnumber', 'libgcc', 'libgfortran', 'libgomp', 'libitm', 'libmudflap', 'libobjc', 'libstdc++v3',]

GCCCmdLine().main()

ConstantValue
Copyright:<init>()VCode
LineNumberTableLocalVariableTablethis-
Lgnu/classpath/tools/taglets/CopyrightTaglet;getName()Ljava/lang/String;inField()Z
inConstructor
inOverview
inPackage
inType
isInlineTag
register(Ljava/util/Map;)V

&(*)
java/util/Map+, put8(Ljava/lang/Object:Ljava/lang/Object:Ljava/lang/Object:
tagletMapLjava/util/Map;copyrightTaglettoString)(Lcom/sun/javadoc/Tag;Ljava/lang/String;3com/sun/javadoc/Tag
g 506*([Lcom/sun/javadoc/Tag;Ljava/lang/String:tagLcom/sun/javadoc/Tag;2::text
=?>java/lang/String@Alength()ICjava/lang/StringBuffer
BF<dlt>
BHIIappend,(Ljava/lang/String:)Ljava/lang/StringBuffer:Ljava/lang/StringBuilderIN<dt><i>Copyright &#169; KPQ(Ljava/lang/String:)V
KSI=(Ljava/lang/String;Ljava/lang/StringBuilder;V</i></dt>
KX0Z</dl>
BXtags[Lcom/sun/javadoc/Tag;haveValidTagZiIresultLjava/lang/StringBuffer;
SourceFileCopyrightTaglet.java!
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Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

http://llvm.org

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<table>
<thead>
<tr>
<th>Program</th>
<th>Directory</th>
</tr>
</thead>
<tbody>
<tr>
<td>mach_override</td>
<td>lib/interception/mach_override</td>
</tr>
</tbody>
</table>

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@appendixsec GNU LESSER GENERAL PUBLIC LICENSE

@cindex LGPL, Lesser General Public License
@center Version 2.1, February 1999

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@appendixsubsec Preamble

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@end enumerate

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

@page
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@var{signature of Ty Coon}, 1 April 1990
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1[java/security/Permissionjava/lang/Objectjava/security/Guardjava/io/SerializableserialVersionUIDJ
ConstantValue?(WQ~namejava/lang/String;<init>(Ljava/lang/String;)VCode
()VLineNumberTableLocalVariableTablethisLjava/security/Permission;
checkGuard(Ljava/lang/Object;)V
! java/lang/System"#getSecurityManager()Ljava/lang/SecurityManager;
%&java/lang/SecurityManager()checkPermission(Ljava/security/Permission;)VobjLjava/lang/Object;smLjava/lang/
SecurityManager;implies(Ljava/security/Permission;)Zequals(Ljava/lang/Object;)ZhashCode()IgetName()Ljava/lan
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FHGjava/lang/Class45
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N65P
RTSjava/lang/String01
:V95stringLgnu/java/lang/CPStringBuilder;
SourceFilePermission.java!
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~.012345/657895SS:Y<L+(=L+*AEIL.+ =L+*LIL,*MOQ+ =L+*MIL+)=L+U*~+7>GNSKWXYZ
#ifndef __java_security_acl_Permission__
#define __java_security_acl_Permission__

#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{
namespace security
{
namespace acl
{
    class Permission;
}
}
}
}

class java::security::acl::Permission : public ::java::lang::Object
{
public:
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual ::java::lang::String * toString() = 0;
    static ::java::lang::Class class$;
} __attribute__ ((java_interface));

#endif // __java_security_acl_Permission__

This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

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 (dossier@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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/* adapted to BSD conventions for symbol names and debugging.) */
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/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using underscores, we are using prefix "."s to identify labels that should be ignored, as in `i386/gas.h' --karl@cs.umb.edu */
#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */
/* This is how to output an assembler line that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE, SIZE)  
  fprintf (FILE, "\t.space \%u\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */
/* This says how to output an assembler line to define a global common symbol. */

#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  
  { fputs (".comm ", (FILE)),
      assemble_name ((FILE), (NAME)),
      fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  
  { fputs (".lcomm ", (FILE)),
      assemble_name ((FILE), (NAME)),
      fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#if defined HAVE_GAS_LCOMM_WITH_ALIGNMENT
  #define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  
    { fputs (".lcomm ", (FILE)),
        assemble_name ((FILE), (NAME)),
        fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line...*/
that says to advance the location counter
to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG)\if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF
the symbol_ref name of an internal numbered label where
PREFIX is the class of label and NUM is the number within the class.
This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER)\ sprintf ((BUF), "%*s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */
#define USER_LABEL_PREFIX "_

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

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/**
 * This interface provides information about a permission that can be granted. Note that this is <em>not</em> the same as the class <code>java.security.Permission</code>.
 *
 * @version 0.0
 *
 * @author Aaron M. Renn (arenn@urbanophile.com)
 */
public interface Permission
{

/**
 * This method tests whether or not a specified <code>Permission</code> (passed as an <code>Object</code>) is the same as this permission.
 *
 * @param perm The permission to check for equality
 *
 * @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
 */
boolean equals (Object perm);

/**
 * This method returns this <code>Permission</code> as a <code>String</code>.
 *
 * @return A <code>String</code> representing this permission.
 */
String toString();
}

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define __gnu_javax_sound_AudioSecurityManager$Permission__

#pragma interface

#include <java/lang/Enum.h>
#include <gcj/array.h>

extern "Java"
{
    namespace gnu
    {
        namespace javax
        {
            namespace sound
            {
                class AudioSecurityManager$Permission;
            }
        }
    }

    class gnu::javax::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
    {
        AudioSecurityManager$Permission(::java::lang::String *, jint);
        public:
        static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * values();
        static ::gnu::javax::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
        static ::gnu::javax::sound::AudioSecurityManager$Permission * PLAY;
        static ::gnu::javax::sound::AudioSecurityManager$Permission * RECORD;
        static ::gnu::javax::sound::AudioSecurityManager$Permission * ALL;
        private:
        static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * ENUM$VALUES;
        public:
        static ::java::lang::Class class$;
    };
}
1.642 xerces-j 2.0.1
1.642.1 Available under license:
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UniqueParticleAttribution = Error: cos-nonambig: \(\{0\}\) and \(\{1\}\) violate the "Unique Particle Attribution" rule.
cos-nonambig = cos-nonambig: \(\{0\}\) and \(\{1\}\) (or elements from their substitution group) violate "Unique Particle Attribution".

Found in path(s):
* /opt/cola/permits/1000749774_1608738158.43/0/xercesimpl-24-jar/org/apache/xerces/impl/msg/XMLSchemaMessages.properties

1.643 zsync 0.6.2-1ubuntu1
1.643.1 Available under license:
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1.644 libxslt 1.1.28

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1.646 regexp 2.7.2

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1.655 zlib 1.2.1.1
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1.656 rpc-api 1.1.0

1.657 eclipse 3.5.100.v20110426
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* /opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-jar/org/objectweb/asm/tree/analysis/Value.java
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*/opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-java/org/objectweb/asm/xml/SAXCodeAdapter.java
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*/opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-java/org/objectweb/asm/xml/ASMContentHandler.java
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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.

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

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

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

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of
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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 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.

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

b) 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.

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   d) If a facility in the modified Library refers to a function or a
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      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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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

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

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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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++++++++++++++++

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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1.672 classmate 1.3.0

1.672.1 Available under license:
Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

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1.673 giflib 5.1.4

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1.674 jsr305 3.0.1

1.675 jspapiglassfish 2.1.v20091210

1.676 eclipse-rap-ui 2.3.2-SNAPSHOT

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1.677 openssl 1.0.2g-1ubuntu4.15

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

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The End

1.678 mime-pull 1.9.3

1.679 7zip 9.20.1~dfsg.1-4.2ubuntu0.1

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-- activemq-web

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--activemq-web-console

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-- For the css.js library

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1091532199_1600509346.6/0/jackson-mapper-asl-1-4-0-sources-1-
  jar/org/codehaus/jackson/map/MappingJsonFactory.java

1.683 dropwizard-assets 1.0.0

1.684 google-uuid 1.1.0

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jar/org/springframework/aop/target/EmptyTargetSource.java
* /opt/cola/permits/113588174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
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* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-jar/org/springframework/aop/interceptor/AbstractMonitoringInterceptor.java
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* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-jar/org/springframework/aop/config/AspectJAutoProxyBeanDefinitionParser.java
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1.699 httpclient-cache 4.3.1
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

1.709 linux-atm 2.5.1-1.5

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History of the software

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see https://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 https://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 https://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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Mersenne Twister

The `random` module includes code based on a download from http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/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.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html
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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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Asynchronous socket services
----------------------------

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
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--------------------------
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-------------

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---------

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Original location:

https://github.com/majek/csiphash/

Solution inspired by code from:

- Samuel Neves (supercop/crypto_auth/siphash24/little)
- djb (supercop/crypto_auth/siphash24/little2)
- Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strtod and dtoa

---------------

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from http://www.netlib.org/fp/. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice::

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cfuhash

-------

The implementation of the hash table used by the `mod:` `tracemalloc` is based on the cfuhash project:

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<td>yes</td>
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1.716 jcl-over-slf4j 1.7.25

1.717 spring-context 5.2.8.RELEASE
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/context/annotation/ComponentScanBeanDefinitionParser.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/jmx/export/assembler/SimpleReflectiveMBeanInfoAssembler.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/jmx/export/assembler/AbstractConfigurableMBeanInfoAssembler.java
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jar/org/springframework/format/FormatterRegistry.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/validation/AbstractBindingResult.java

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/**
 * [@link FactoryBean] that obtains a WebSphere [@link javax.management.MBeanServer]
 * reference through WebSphere's proprietary [@code AdminServiceFactory] API,
 * available on WebSphere 5.1 and higher.
 *<p>Exposes the [@code MBeanServer] for bean references.
 *
 * <p>This [@code FactoryBean] is a direct alternative to [@link MBeanServerFactoryBean],
 * which uses standard JMX 1.2 API to access the platform's [@link MBeanServer].
 *
 * <p>See the javadocs for WebSphere's
 * and
 *
 * @author Juergen Hoeller
 * @author Rob Harrop
 * @since 2.0.3
 * @see javax.management.MBeanServer
 * @see MBeanServerFactoryBean
 */

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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/annotation/ScopeMetadata.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/Remoting/RemoteConnectFailureException.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/jndi/JndiLookupFailureException.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/scripting/scripting/ScriptSource.java

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jar/org/springframework/jmx/export/UnableToRegisterMBeanException.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/ui/context/HierarchicalThemeSource.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/jmx/MBeanServerNotFoundException.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/scheduling/support/DelegatingErrorHandlingRunnable.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/remoting/support/RemoteInvocationBasedAccessor.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/jmx/export/metadata/JmxAttributeSource.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/remoting/rmi/RmiClientInterceptor.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/jmx/access/InvocationFailureException.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/ejb/config/RemoteStatelessSessionBeanDefinitionParser.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/jmx/export/assembler/MBeanInfoAssembler.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/format/FormatterRegistrar.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/remoting/rmi/CodebaseAwareObjectInputStream.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/context/annotation/AnnotationConfigBeanDefinitionParser.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/context/event/ContextClosedEvent.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/context/event/ContextStartedEvent.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
  jar/org/springframework/remoting/support/RemoteInvocationFactory.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
  jar/org/springframework/jmx/export/metadata/ManagedOperationParameter.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
  jar/org/springframework/remoting/support/RemoteInvocationExecutor.java

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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/format/datetime/joda/DateTimeFormatterFactory.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/event/EventPublicationInterceptor.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/EnvironmentAware.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/support/DelegatingMessageSource.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/jmx/support/MetricType.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/jmx/export/naming/ObjectNamingStrategy.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/jmx/support/NotificationListenerHolder.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/jmx/support/EnvironmentAware.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/jmx/support/MethodInvokingRunnable.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/jmx/support/SourceFilteringListener.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/jmx/export/naming/ObjectNamingStrategy.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/support/DelegatingMessageSource.java
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jar/org/springframework/scheduling/config/ScheduledTask.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/scripting/groovy/GroovyScriptEvaluator.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/cache/interceptor/BeanFactoryCacheOperationSourceAdvisor.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/format/datetime/standard/DateTimeFormatterFactoryBean.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/context/config/LoadTimeWeaverBeanDefinitionParser.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/scheduling/config/IntervalTask.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/context/config/AnnotationScopeMetadataResolver.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/jmx/export/metadata/JmxMetadataUtils.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/context/support/ApplicationListenerDetector.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/stereotype/Indexed.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/jmx/export/assembler/AbstractMBeanInfoAssembler.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/cache/interceptor/CacheInterceptor.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/jmx/access/MBeanProxyFactoryBean.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/context/annotation/ContextAnnotationAutowiredCandidateResolver.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/ebj/access/AbstractRemoteSlsbInvokerInterceptor.java
jar/org/springframework/format/datetime/joda/JodaDateTimeFormatAnnotationFormatterFactory.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/scripting/support/StandardScriptEvaluator.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/stereotype/Component.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/jmx/access/ConnectorDelegate.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/ejb/access/LocalSlsbInvokerInterceptor.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/instrument/classloading/glassfish/GlassFishLoadTimeWeaver.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/context/expression/EnvironmentAccessor.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/scripting/ScriptFactory.java
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jar/org/springframework/instrument/classloading/tomcat/TomcatLoadTimeWeaver.java
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jar/org/springframework/scripting/support/StaticScriptSource.java
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jar/org/springframework/context/annotation/Jsr330ScopeMetadataResolver.java
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jar/org/springframework/format/number/CurrencyStyleFormatter.java
jar/org/springframework/ui/ExtendedModelMap.java
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jar/org/springframework/jmx/export/assembler/MethodExclusionMBeanInfoAssembler.java
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jar/org/springframework/jmx/export/notification/NotificationPublisherAware.java
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jar/org/springframework/context/annotation/ImportAware.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
  jar/org/springframework/context/ApplicationContext.java
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  jar/org/springframework/context/annotation/PropertySources.java
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  jar/org/springframework/validation/beanvalidation/MessageSourceResourceBundleLocator.java
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  jar/org/springframework/scheduling/config/ContextLifecycleScheduledTaskRegistrar.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
  jar/org/springframework/validation/annotation/Validated.java
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  jar/org/springframework/cache/interceptor/BasicOperation.java
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 */
/**
 * Indicates that a component is only eligible for registration when all
 * [@linkplain #value specified conditions] match.
 *
 * <p>A <em>condition</em> is any state that can be determined programatically
 * before the bean definition is due to be registered (see [@link Condition] for details).
 *
 * <p>The [@code @Conditional] annotation may be used in any of the following ways:
 *  <ul>
 *   <li>as a type-level annotation on any class directly or indirectly annotated with
 *     [@code @Component], including [@link Configuration @Configuration] classes</li>
 *   <li>as a meta-annotation, for the purpose of composing custom stereotype
 *     annotations</li>
 *   <li>as a method-level annotation on any [@link Bean @Bean] method</li>
 */
If a `@Configuration` class is marked with `@Conditional`, all of the `@Bean` methods, `@Import` annotations, and `@ComponentScan` annotations associated with that class will be subject to the conditions.

**NOTE**: Inheritance of `@Conditional` annotations is not supported; any conditions from superclasses or from overridden methods will not be considered. In order to enforce these semantics, `@Conditional` itself is not declared as `@Inherited`; furthermore, any custom `<em>composed annotation</em>` that is meta-annotated with `@Conditional` must not be declared as `@Inherited`.

@author Phillip Webb
@since 4.0
@see Condition

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 */

/**
 * Abstract the invocation of a cache operation.
 *
 * Does not provide a way to transmit checked exceptions but
 * provide a special exception that should be used to wrap any
 * exception that was thrown by the underlying invocation.
 * Callers are expected to handle this issue type specifically.
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/format/datetime/joda/LocalDateTimeParser.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/annotation/FilterType.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/annotation/Description.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/format/datetime/joda/MillisecondInstantPrinter.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/i18n/TimeZoneAwareLocaleContext.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/format/datetime/joda/ReadableInstantPrinter.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/scheduling/concurrent/CustomizableThreadFactory.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/format/datetime/joda/ReadableInstantPrinter.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
jar/org/springframework/format/datetime/joda/LocalTimeParser.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/format/datetime/joda/DateTimeParser.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/context/support/MessageSourceResourceBundle.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/context/annotation/Lazy.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/validation/beanvalidation/SpringValidatorAdapter.java
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1.722 liblocale-gettext-perl 1.07 1build1

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* /opt/ws_local/PERMITS_SQL/1074764509_1595944161.24/0/spring-core-5-2-8-release-sources-jar/org/springframework/core/SpringVersion.java
* /opt/ws_local/PERMITS_SQL/1074764509_1595944161.24/0/spring-core-5-2-8-release-sources-jar/org/springframework/core/io/util/XMLTransformerUtils.java
* /opt/ws_local/PERMITS_SQL/1074764509_1595944161.24/0/spring-core-5-2-8-release-sources-jar/org/springframework/core/io/buffer/DataBufferWrapper.java
* /opt/ws_local/PERMITS_SQL/1074764509_1595944161.24/0/spring-core-5-2-8-release-sources-jar/org/springframework/core/OrderComparator.java
* /opt/ws_local/PERMITS_SQL/1074764509_1595944161.24/0/spring-core-5-2-8-release-sources-jar/org/springframework/core/log/CompositeLog.java
* /opt/ws_local/PERMITS_SQL/1074764509_1595944161.24/0/spring-core-5-2-8-release-sources-jar/org/springframework/core/LocalVariableTableParameterNameDiscoverer.java
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org.springframework.core.ReactiveAdapterRegistry$SpringCoreBlockHoundIntegration

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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.
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1.743 systemd 229 4ubuntu21.29

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```
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* /opt/cola/permits/1134810204_1613424006.61/0/slf4j-api-1-7-30-sources-jar/org/slf4j/impl/StaticMarkerBinder.java
1.752 jakarta-annotation-api 1.3.5

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### 1.753 python-defaults 3.5.1-3

#### 1.753.1 Available under license :

This is the Debian GNU/Linux prepackaged version of the Python programming language. Python was written by Guido van Rossum <guido@cwi.nl> and others.

This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.
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.

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.

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1.754 boost 1.60.0

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#include <boost/mpl/push_back.hpp>
#include <boost/mpl/quote.hpp>
#include <boost/mpl/transform.hpp>
#include <boost/mpl/vector.hpp>

    template <typename X>
    struct f { using type = X; };

    template <int i>
    struct t { };

    using vector = <%= mpl_vector((1..input_size).to_a.map { |n| "t<#{n}>" }) %>;

    using result = boost::mpl::transform<vector, boost::mpl::quote1<f>>::type;

    int main() { }
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-->

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#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP
#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

#ifndef BOOST_CONFIG_HPP
#  include <boost/config.hpp>
#endif

#if defined(BOOST_HAS_PRAGMA_ONCE)
#  pragma once
#endif

#include <boost/intrusive/detail/config_begin.hpp>
#include <boost/move/detail/type_traits.hpp>

#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP
#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

//

#ifndef BOOST_CONFIG_HPP
#  include <boost/config.hpp>
#endif

#endif

#include <boost/intrusive/detail/config_begin.hpp>
#include <boost/move/detail/type_traits.hpp>
```cpp
#include <cstddef>

namespace boost {
    namespace intrusive {
        namespace detail {
            using boost::move_detail::is_same;
            using boost::move_detail::add_const;
            using boost::move_detail::remove_const;
            using boost::move_detail::remove_cv;
            using boost::move_detail::remove_reference;
            using boost::move_detail::add_reference;
            using boost::move_detail::remove_pointer;
            using boost::move_detail::add_pointer;
            using boost::move_detail::true_type;
            using boost::move_detail::false_type;
            using boost::move_detail::enable_if_c;
            using boost::move_detail::enable_if;
            using boost::move_detail::disable_if_c;
            using boost::move_detail::disable_if;
            using boost::move_detail::is_convertible;
            using boost::move_detail::if_c;
            using boost::move_detail::if_;
            using boost::move_detail::is_const;
            using boost::move_detail::identity;
            using boost::move_detail::alignment_of;
            using boost::move_detail::is_empty;
            using boost::move_detail::addressof;
            using boost::move_detail::integral_constant;
            using boost::move_detail::enable_if_convertible;
            using boost::move_detail::disable_if_convertible;
            using boost::move_detail::bool_;
            using boost::move_detail::true_;
            using boost::move_detail::false_;
            using boost::move_detail::yes_type;
            using boost::move_detail::no_type;
            using boost::move_detail::apply;
            using boost::move_detail::eval_if_c;
            using boost::move_detail::eval_if;
            using boost::move_detail::unvoid_ref;
            using boost::move_detail::add_const_if_c;

            template<std::size_t S>
            struct ls_zeros {
                static const std::size_t value = (S & std::size_t(1)) ? 0 : (1 + ls_zeros<(S>>1u)>::value);
            };
        }
    }
}
```
template<>
struct ls_zeros<0>
{
  static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
  static const std::size_t value = 0;
};

// Infrastructure for providing a default type for T::TNAME if absent.
#define BOOST_INTRUSIVE_INSTANTIATE_DEFAULT_TYPE_TMPLT(TNAME)     \
  template <typename T>                                          \
  struct boost_intrusive_has_type_ ## TNAME                      \
  {                                                              \
    template <typename X>                                       \
    static char test(int, typename X::TNAME*);                  \
    \                          \
    template <typename X>                                       \
    static int test(...);                                       \
    \                          \
    static const bool value = (1 == sizeof(test<T>(0, 0)));     \
  };                                                             \
  \  \
  template <typename T, typename DefaultType>                    \
  struct boost_intrusive_default_type_ ## TNAME                  \
  {                                                              \
    struct DefaultWrap { typedef DefaultType TNAME; };          \
    \                          \
    typedef typename                                            \
    ::boost::intrusive::detail::if_c                         \
    < boost_intrusive_has_type_ ## TNAME<T>::value        \
    , T, DefaultWrap>::type::TNAME type;                  \
  };                                                             \
  \  \
//

#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_DEFAULT(INSTANTIATION_NS_PREFIX, T, TNAME, TIMPL)   \
  typename INSTANTIATION_NS_PREFIX                                                       \
  boost_intrusive_default_type_ ## TNAME< T, TIMPL >::type                            \
//

#define BOOST_INTRUSIVE_HAS_TYPE(INSTANTIATION_NS_PREFIX, T, TNAME)  \
  INSTANTIATION_NS_PREFIX                                        \
  boost_intrusive_has_type_ ## TNAME< T >::value              \
//
```cpp
#define BOOST_INTRUSIVE_INSTANTIATE_EVAL_DEFAULT_TYPE_TMLPT(TNAME)
template <typename T, typename DefaultType>
struct boost_intrusive_eval_default_type_##TNAME
{
    template <typename X>
    static char test(int, typename X::TNAME*);

    template <typename X>
    static int test(...);

    struct DefaultWrap
    {
        typedef typename DefaultType::type TNAME;
    };

    static const bool value = (1 == sizeof(test<T>(0, 0)));

    typedef typename
        ::boost::intrusive::detail::eval_if_c
        < value
        , ::boost::intrusive::detail::identity<T>
        , ::boost::intrusive::detail::identity<DefaultWrap>
        >::type::TNAME type;
};
```

```cpp
#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_EVAL_DEFAULT(INSTANTIATION_NS_PREFIX, T, TNAME, TIMPL)  
typename INSTANTIATION_NS_PREFIX boost_intrusive_eval_default_type_##TNAME< T, TIMPL >::type  
```

```cpp
#define BOOST_INTRUSIVE_INTERNAL_STATIC_BOOL_IS_TRUE(TRAITS_PREFIX, TYPEDEF_TO_FIND)  
template <class T>
struct TRAITS_PREFIX##_bool
{
    template<bool Add>
    struct two_or_three {yes_type _[2 + Add];};
    template <class U> static yes_type test(...);
    template <class U> static two_or_three<U::TYPEDEF_TO_FIND> test (int);
    static const std::size_t value = sizeof(test<T>(0));
};
```

```cpp
template <class T>
struct TRAITS_PREFIX##_bool_is_true
{
    static const bool value = TRAITS_PREFIX##_bool<T>::value > sizeof(yes_type)*2;
};
```

```cpp
#define BOOST_INTRUSIVE_INTERNAL_STATIC_BOOL_IS_TRUE(TRAITS_PREFIX, TYPEDEF_TO_FIND)  
```
//

#define BOOST_INTRUSIVE_HAS_STATIC_MEMBER_FUNC_SIGNATURE(TRAITS_NAME, FUNC_NAME) \
    template <typename U, typename Signature> \
    class TRAITS_NAME \
    { \
    private: \
    template<Signature> struct helper; \
    template<typename T> \
    static ::boost::intrusive::detail::yes_type test(helper<&T::FUNC_NAME>*); \
    template<typename T> static ::boost::intrusive::detail::no_type test(...); \
    public: \
    static const bool value = sizeof(test<U>(0)) == sizeof(::boost::intrusive::detail::yes_type); \
    }; \

//

#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME, FUNC_NAME) \
    template <typename Type> \
    struct TRAITS_NAME \
    { \
    struct BaseMixin \
    { \
    void FUNC_NAME(); \
    }; \
    struct Base : public Type, public BaseMixin { Base(); }; \
    template <typename T, T t> class Helper{}; \
    template <typename U> \
    static ::boost::intrusive::detail::no_type test(U*, Helper<void (BaseMixin::*)(), &U::FUNC_NAME>* = 0); \
    static ::boost::intrusive::detail::yes_type test(...); \
    static const bool value = sizeof(::boost::intrusive::detail::yes_type) == sizeof(test((Base*)(0))); 
    }; \

//

#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED_IGNORE_SIGNATURE(TRAITS_NAME, FUNC_NAME) \
    BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME##_ignore_signature, FUNC_NAME)

BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED_IGNORE_SIGNATURE(TRAITS_NAME, FUNC_NAME)

    template <typename Type, class> \
    struct TRAITS_NAME
    : public TRAITS_NAME##_ignore_signature<Type> 
    { 
    }; \

} // namespace detail 

} // namespace intrusive 

} // namespace boost
#include <boost/intrusive/detail/config_end.hpp>

#ifndef //BOOST_INTRUSIVE_DETAIL_MPL_HPP
===========================================================================
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[section: mpl MPL Interoperability]

All the value based traits in this library conform to MPL's requirements for an [ Integral Constant type].

Please note that these types no longer inherit from `mpl::true_` or `mpl::false_` etc, and the library will no longer implicitly include any MPL header. However there is an implicit conversion from `integral_constant` to the corresponding MPL types, therefore tag-dispatching that uses MPL types in function overloads will still work as before.

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<p>All the value based traits in this library conform to MPL’s requirements for an <code class="computeroutput">integral_constant</code> type. Please note that these types no longer inherit from <code class="computeroutput">mpl</code> or <code class="computeroutput">false_</code> etc, and the library will no longer implicitly include any MPL header. However there is an implicit conversion from <code class="computeroutput">integral_constant</code> to the corresponding MPL types, therefore tag-dispatching that uses MPL types in function overloads will still work as before.</p>
var group__group_ext_mpl =

[ "integral_c", "structboost_1_1mpl_1_1integral__c.html", null ],
[ "list", "structboost_1_1mpl_1_1list.html", null ],
[ "vector", "structboost_1_1mpl_1_1vector.html", null ];

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using vector = <%= mpl_vector((1..input_size).to_a.map { [n] "t<#{n}>" }) %>;

int main() { }

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//
//
//////////////////////////////////////////////////////////////////////////////

#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
#define BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

#ifndef BOOST_CONFIG_HPP
#  include <boost/config.hpp>
#endif

#if defined(BOOST_HAS_PRAGMA_ONCE)
#  pragma once
#endif

#include <boost/container/detail/config_begin.hpp>
#include <boost/container/detail/workaround.hpp>
#include <boost/move/detail/mpl.hpp>
#include <cstddef>
namespace boost {
    namespace container {
        namespace dtl {

            using boost::move_detail::integral_constant;
            using boost::move_detail::true_type;
            using boost::move_detail::false_type;
            using boost::move_detail::enable_if_c;
            using boost::move_detail::enable_if;
            using boost::move_detail::enable_if_convertible;
            using boost::move_detail::disable_if_c;
            using boost::move_detail::disable_if;
            using boost::move_detail::disable_if_convertible;
            using boost::move_detail::is_convertible;
        }
    }
}

#include <cstddef>
using boost::move_detail::if_c;
using boost::move_detail::if_;  
using boost::move_detail::identity;
using boost::move_detail::bool_;
using boost::move_detail::true_;  
using boost::move_detail::false_;  
using boost::move_detail::yes_type;
using boost::move_detail::no_type;
using boost::move_detail::bool_;
using boost::move_detail::true_;  
using boost::move_detail::false_;  
using boost::move_detail::unvoid_ref;
using boost::move_detail::and_;  
using boost::move_detail::or_;  
using boost::move_detail::not_;  
using boost::move_detail::enable_if_and;
using boost::move_detail::disable_if_and;
using boost::move_detail::enable_if_or;
using boost::move_detail::disable_if_or;

template <class FirstType>
struct select1st
{
  typedef FirstType type;

  template<class T>
  const type& operator()(const T& x) const
  { return x.first;  }

  template<class T>
  type& operator()(T& x)
  { return const_cast<type&>(x.first);  }
};

template <class T, class=void>
struct is_transparent
{
  static const bool value = false;
};

template <class T>
struct is_transparent<T, typename T::is_transparent>
{
  static const bool value = true;
};

template <typename C, typename K, typename R>
struct enable_if_transparent
template <class T, T val>
struct integral_constant
{
    static const T value = val;
    typedef integral_constant<T,val> type;
};

template< bool C_ >
struct bool_ : integral_constant<bool, C_>
{
    static const bool value = C_; 
};

typedef bool_<true>       true_;
typedef bool_<false>      false_;

typedef true_  true_type;
typedef false_ false_type;

typedef char yes_type;
struct no_type
{
    char padding[8];
};

template <bool B, class T = void>
struct enable_if_c {
    typedef T type;
};
template <class T>
struct enable_if_c<false, T> {  
};

template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T> {  
};

template <class Cond, class T = void>
struct disable_if : public enable_if_c<!Cond::value, T> {  
};

template<
    bool C
    , typename T1
    , typename T2
>
struct if_c
{
    typedef T1 type;
};

template<
    typename T1
    , typename T2
>
struct if_c<false,T1,T2>
{
    typedef T2 type;
}
template<
    typename T1
    , typename T2
    , typename T3
>
struct if_
{
  typedef typename if_c<0 != T1::value, T2, T3>::type type;
};

template<std::size_t S>
struct ls_zeros
{
  static const std::size_t value = (S & std::size_t(1)) ? 0 : (1u + ls_zeros<(S >> 1u)>::value);
};

template<>
struct ls_zeros<0>
{
  static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
  static const std::size_t value = 0;
};

#include <algorithm>
#include <iostream>
#include <string>

int main()
{
  std::cout << "Hello, World!" << std::endl;
  return 0;
}

#endif  //ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
#!/usr/bin/env python
from subprocess import check_output as run
from datetime import datetime
from itertools import groupby
from operator import itemgetter
import re
import magic

def authors(filename):
    log = run(['git', 'log', '--follow', '--date=short', '--format=%aN%x09%ad', filename],
              universal_newlines=True)
for line in log.splitlines():
    author, date = line.split('t')
if author != 'fix-copyright.py':
    yield author, datetime.strptime(date, 'Y-%m-%d')

def new_copyright(filename, previous):
    def f():
        au = list(authors(filename))
        alldates = map(itemgetter(1), au)
        aup = sorted(au + map(lambda a: (None, a, previous), key=itemgetter(0)),
        for author, records in groupby(aup, itemgetter(0)):
            dates = filter(None, map(itemgetter(1), records))
            if not dates: dates = alldates
            start = min(dates)
            end = max(dates)
            fmt = '{0}' if start.year == end.year else '{0}-{1}'
            line = 'Copyright ' + fmt.format(start.year, end.year) + ' ' + author
            key = (start, author)
            yield key, line
        return map(itemgetter(1), sorted(f()))

def fix_copyright(filename):
    # Find copyright block in original file
    prefix = set()
    names = []
    lines = []
    with open(filename, 'r') as f:
        content = list(f)
        for i, line in enumerate(content[:15]):
            m = re.match(r'^\s*?copyright\s*(\(c\))?\s+\d{4}(\s*\-\s*\d{4})?\s*+(\(c\))?\s*\s*+(\s*+\d{4}\s*+)',
                line, re.IGNORECASE)
            if m:
                d = m.groupdict()
                prefix.add(d['prefix'])
                lines.append(i)
                names.append(d['name'].strip())
        if len(prefix) != 1:
            print 'Not found:', filename
            return
        prefix = list(prefix)[0]

    print filename
    new = iter(new_copyright(filename, names))
    with open(filename, 'w') as f:
        for i, line in enumerate(content):
            if i in lines:
                for repl in new:
                    print >>f, prefix + repl
def all_files():
    ls = run(['git', 'ls-files'], universal_newlines=True)
    for filename in ls.splitlines():
        if magic.from_file(filename, mime=True).split('/')[0] == 'text':
            yield filename

    for f in all_files():
        fix_copyright(f)

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Maybe this should pass?

<?xml version="1.0" encoding="utf-8"?>

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

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 (brazil@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(age@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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Adapters for Boost.MPL containers. 

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>boost::mpl::integral_c&lt;T, v&gt;</code></td>
<td>Adapter for IntegralConstants from the Boost.MPL. More...</td>
</tr>
<tr>
<td><code>boost::mpl::list&lt;T&gt;</code></td>
<td>Adapter for Boost.MPL lists.</td>
</tr>
<tr>
<td><code>boost::mpl::vector&lt;T&gt;</code></td>
<td>Adapter for Boost.MPL vectors.</td>
</tr>
</tbody>
</table>

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"http://www.boost.org/tools/boostbook.dtd">
<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 "$
xmlns:xi="http://www.w3.org/2001/XInclude">
<title>Copyright Test</title>
<articleinfo>
<copyright>
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#include <boost/mpl/fold.hpp>
#include <boost/mpl/push_back.hpp>
#include <boost/mpl/quote.hpp>
#include <boost/mpl/vector.hpp>

template <typename State, typename X>
struct f { using type = X; };

struct state { };

template <int i>
struct t { };

using vector = <\%= mpl_vector((1..input_size).to_a.map { |n| "t<#{n}>" }) \%>;

using result = boost::mpl::fold<vector, state, boost::mpl::quote2<f>>::type;

int main() { }

///
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///

[#mpl]
# MPL Support, <boost/mp11/mpl.hpp>
:toc:
:toc-title:  
:idprefix:
The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for `mp_list` and `std::tuple` to be valid link:../../../../libs/mpl[MPL] sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

Boost.Geometry (aka GGL, Generic Geometry Library)

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// split_path is a small helper for outputting a path name, complete with a link to that path:
//
struct split_path
{
    const fs::path& root;
    const fs::path& file;
    split_path(const fs::path& r, const fs::path& f)
        : root(r), file(f) {}
private:

    //
    //
split_path& operator=(const split_path&);
};

std::ostream& operator << (std::ostream& os, const split_path& p)
{
    os << "<a href="" << (p.root / p.file).string() << ">" << p.file.string() << ">
    return os;
}

std::string make_link_target(const std::string& s)
{
    // convert an arbitrary string into something suitable
    // for an <a> name:
    std::string result;
    for(unsigned i = 0; i < s.size(); ++i)
    {
        result.append(1, static_cast<std::string::value_type>(std::isalnum(s[i]) ? s[i] : '_'));
    }
    return result;
}

void bcp_implementation::output_license_info()
{
    std::pair<const license_info*, int> licenses = get_licenses();

    std::map<int, license_data>::const_iterator i, j;
    i = m_license_data.begin();
    j = m_license_data.end();

    std::ofstream os(m_dest_path.string().c_str());
    if(!os)
    {
        std::string msg("Error opening ");
        msg += m_dest_path.string();
        msg += " for output.");
        std::runtime_error e(msg);
        boost::throw_exception(e);
    }

    os <<
        "<!DOCTYPE HTML PUBLIC ""-//W3C//DTD HTML 4.0 Transitional//EN"""
        "<html>
        "<head>
        "<title>Boost Licence Dependency Information";
        if(m_module_list.size() == 1)
        {
            os << " for " << *(m_module_list.begin());
        }
<H1>Boost Licence Dependency Information</H1>

if(m_module_list.size() == 1) {
    os << " for " << *(m_module_list.begin());
}

os << "</H1>\n" << "<H2>Contents</h2>\n" << "<pre>\n";
if(!m_bsl_summary_mode) {
    os << " <a href="#summary">Licence Summary</a>\n";
    os << " <a href="#details">Licence Details</a>\n";
}

while(i != j) {
    // title:
    os << " <A href="#"" << make_link_target(licenses.first[i->first].license_name) << ">" << licenses.first[i->first].license_name << "</a>\n";
    ++i;
}

os << " <a href="#files">Files with no recognised license</a>\n";
    os << " <a href="#authors">Files with no recognised copyright holder</a>\n";
if(!m_bsl_summary_mode) {
    os << "Moving to the Boost Software License...\n";
    os << " <a href="#bsl-converted">Files that can be automatically converted to the Boost Software License</a>\n";
    os << " <a href="#to-bsl">Files that can be manually converted to the Boost Software License</a>\n";
    os << " <a href="#not-to-bsl">Files that can NOT be moved to the Boost Software License</a>\n";
    os << " <a href="#need-bsl-authors">Authors we need to move to the Boost Software License</a>\n";
    os << " <a href="#copyright">Copyright Holder Information</a>\n";
}

os << " <a href="#depend">File Dependency Information</a>\n";

// input Information:

os << " <a name="input"></a><h2>Input Information</h2>\n";
if(m_scan_mode) {
    os << "The following files were scanned for boost dependencies:\n";
else
The following Boost modules were checked:

std::list<std::string>::const_iterator si = m_module_list.begin();
std::list<std::string>::const_iterator sj = m_module_list.end();
while(si != sj)
{
    os << *si << "<BR>
    ++si;
}

The Boost path was: <code>" << m_boost_path.string() << "</code>

// extract the boost version number from the boost directory tree,
// not from this app (which may have been built from a previous
// version):

fileview version_file(m_boost_path / "boost/version.hpp");
static const boost::regex version_regex(
    "^[[:blank:]]*#\[[:blank:]]*define[[:blank:]]+BOOST_VERSION[[:blank:]]+(\d+)");
boost::cmatch what;
if(boost::regex_search(version_file.begin(), version_file.end(), what, version_regex))
{
    int version = boost::lexical_cast<int>(what.str(1));
    os << "The Boost version is: " << version / 100000 << "." << version / 100 % 100 << "." << version % 100 << "</P><\n";
}

// output each license:

i = m_license_data.begin();
j = m_license_data.end();
if(!m_bsl_summary_mode)
{
    // start with the summary:
    os << "<a name="summary"></a><h2>Licence Summary</h2>
    while(i != j)
    {
        // title:
        os << "<H3>" << licenses.first[i->first].license_name << "</H3">
        // license text:
        os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
        // Copyright holders:
        os << "<P>This license is used by " << i->second.authors.size() << " authors and " << i->second.files.size() << " files <a href="" make_link_target(licenses.first[i->first].license_name) << ""(see details)</a>;";
    }
Open Source Used In CPS Microservices (DRA) DRA 21.1 Gold Candidate 7818

```cpp
os << "</P></BLOCKQUOTE>\n";
++i;
}
}
//
// and now the details:
//
i = m_license_data.begin();
j = m_license_data.end();
int license_index = 0;
os << "<a name="details"></a><h2>Licence Details</h2>
while(i != j)
{
    // title:
os <<
"<H3><A name="" << make_link_target(licenses.first[i->first].license_name)
<< ">"></A>" << licenses.first[i->first].license_name << "</H3>\n";
// license text:
os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
if(!m_bsl_summary_mode || (license_index >= 3))
{
    // Copyright holders:
os << "<P>This license is used by the following " << i->second.authors.size() << " copyright holders:<P>::</P><BLOCKQUOTE>
    std::set<std::string>::const_iterator x, y;
x = i->second.authors.begin();
y = i->second.authors.end();
while(x != y)
{
    os << *x << "<BR>\n";
    ++x;
}
os << "</P></BLOCKQUOTE>\n";
// Files using this license:
os << "<P>This license applies to the following " << i->second.files.size() << " files:<P>::</P><BLOCKQUOTE>
    std::set<fs::path, path_less>::const_iterator m, n;
m = i->second.files.begin();
n = i->second.files.end();
while(m != n)
{
    os << split_path(m_boost_path, *m) << "<br>\n";
    ++m;
}
os << "</P></BLOCKQUOTE>\n";
}
else
{
```
This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P>\n";
    os << "This license applies to " << i->second.files.size() << " files (list omitted for brevity).</P>\n";
    ++license_index;
    ++i;
  }

// Output list of files not found to be under license control:

//
    os << "<h2><a name="files"></a>Files With No Recognisable Licence</h2><\h2>\n"
    "<P>The following " << m_unknown_licenses.size() << " files had no recognisable license
    information:</P><BLOCKQUOTE><P>
    std::set<fs::path, path_less>::const_iterator i2, j2;
    i2 = m_unknown_licenses.begin();
    j2 = m_unknown_licenses.end();
    while(i2 != j2)
    {
      os << split_path(m_boost_path, *i2) << "<br>\n";
      ++i2;
    }
    os << "</p></BLOCKQUOTE>";

// Output list of files with no found copyright holder:

//
    os << "<h2><a name="authors"></a>Files With No Recognisable Copyright Holder</h2><\h2>\n"
    "<P>The following " << m_unknown_authors.size() << " files had no recognisable copyright
    holder:</P><BLOCKQUOTE><P>
    if(!m_bsl_summary_mode)
    {
      //
      // Output list of files that have been moved over to the Boost
      // Software License, along with enough information for human
      // verification.
      //
      os << "<h2><a name="bsl-converted"></a>Files that can be automatically converted to the Boost Software
      License</h2><\h2>\n"
        "<P>The following " << m_converted_to_bsl.size() << " files can be automatically converted to the Boost Software License, but require manual verification before they can be committed to CVS:</P>\n";
        if (!m_converted_to_bsl.empty())
        {
          //
          // Output list of files that have been moved over to the Boost
          // Software License, along with enough information for human
          // verification.
          //
          os << "<h2><a name="bsl-converted"></a>Files that can be automatically converted to the Boost Software
          License</h2><\h2>\n"
            "<P>The following " << m_converted_to_bsl.size() << " files can be automatically converted to the Boost Software License, but require manual verification before they can be committed to CVS:</P>\n";
        }
typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>::const_iterator conv_iterator;
conv_iterator i = m_converted_to_bsl.begin(),
ie = m_converted_to_bsl.end();
int file_num = 1;
while (i != ie)
{
    os << "<P>[
" << file_num << "] File: <tt>" << split_path(m_boost_path, i->first)
<< " </tt><br>
<table border="1">
  <tr>
    <td><pre>
    " << i->second.first << " </pre></td>
    <td><pre>
    " << i->second.second << " </pre></td>
  </tr>
</table>
";
++i;
++file_num;
}

// Output list of files that could be moved over to the Boost Software License

//
// Output list of files that can be moved over to the Boost Software License, but have not yet been:

os << "<h2><a name="to-bsl"></a>Files that could be converted to the Boost Software License</h2>
";
for(auto &i : m_can_migrate_to_bsl)
{
    os << split_path(m_boost_path, i) << "<br>
";
++i;
}

os << "</p></BLOCKQUOTE>";

// Output list of files that can not be moved over to the Boost Software License

//
// Output list of files that can NOT be converted to the Boost Software License because we need the permission of more authors:

os << "<h2><a name="not-to-bsl"></a>Files that can NOT be converted to the Boost Software License</h2>
";
for(auto &i : m_cannot_migrate_to_bsl)
{
    os << split_path(m_boost_path, i) << "<br>
";
++i;
}

os << "</p></BLOCKQUOTE>";

//
// Output list of authors that we need permission for to move to the BSL

//
//Authors we need for the BSL

Permission of the following authors is needed before we can convert to the Boost Software License. The list of authors that have given their permission is contained in `<code>`more/blanket-permission.txt`<code>`.

```cpp
std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
          std::ostream_iterator<std::string>(os, "\n"));
```

// output a table of copyright information:

```
std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
          std::ostream_iterator<std::string>(os, "\n"));
```

```cpp
// output a table of copyright information:
//
```
```
```
```
```
```
```
```
```
```
```
```
```
```
```
```
```
```
```
```
```
```
conv_iterator i = m_converted_to_bsl.begin(),
    ie = m_converted_to_bsl.end();
while(i != ie)
{
    bad_paths.insert(i->first);
    ++i;
}
fi = bad_paths.begin();
efi = bad_paths.end();
  os << "<P>For brevity, only files not under the BSL are shown</P>
";
while(fi != efi)
{
  os << split_path(m_boost_path, *fi);
  dep = m_dependencies.find(*fi);
  last_dep = m_dependencies.end();
  std::set<fs::path, path_less> seen_deps;
  if (dep != last_dep)
      while(true)
      {
          os << " 
";
          if(fs::exists(m_boost_path / dep->second))
              os << split_path(m_boost_path, dep->second);
          else if(fs::exists(dep->second))
              os << split_path(fs::path(), dep->second);
          else
              os << dep->second.string();
          if(seen_deps.find(dep->second) != seen_deps.end())
          {
              os << " <I>(Circular dependency!)</I>
";
              break; // circular dependency!!!
          }
          seen_deps.insert(dep->second);
          last_dep = dep;
          dep = m_dependencies.find(dep->second);
          if((dep == m_dependencies.end()) || (0 == compare_paths(dep->second, last_dep->second)))
              break;
      }
  os << "\n"
      ++fi;
}
  os << "</pre></BLOCKQUOTE>\n"
  os << "</body></html>";
  if(!os) {
      std::string msg("Error writing to ");
msg += m_dest_path.string();
msg += ".";
std::runtime_error e(msg);
boost::throw_exception(e);
}
}

1.755 expat 2.2.8

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1.756 jetty-util 9.4.30.v20200611

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

The following artifacts are EPL and ASL2.
* 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

-----
Oracle OpenJDK

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* 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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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

-----
Mortbay

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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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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/AbstractExecutionThreadService.java

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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ArrayTable.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/io/ByteArrayDataInput.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/EmptyImmutableTable.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ImmutableSortedMap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/io/ByteArrayDataOutput.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/AbstractService.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/AbstractIdleService.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/hash/Murmur3_32HashFunction.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/hash/BloomFilter.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/hash/HashFunction.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/hash/BloomFilter.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/hash/Hasher.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/hash/HashFunction.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/hash/AbstractStreamingHashFunction.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/io/ByteSource.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/io/Closer.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/FilteredMultimap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ImmutableTypeToInstanceMap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ImmutableEnumMap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/RegularImmutableAsList.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/UnmodifiableSortedMultiset.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ForwardingBlockingDeque.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ForwardingDeque.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/RangeMap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/UnmodifiableSortedMultiset.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ForwardingImmutableSet.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/DescendingImmutableSortedSet.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/DescendingMultiset.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/SortedIterables.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/primitives/UnsignedLongs.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ImmutableSortedMultiset.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/RegularImmutableSortedMultiset.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/primitives/ParseRequest.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/RangeSet.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/primitives/UnsignedInteger.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/primitives/UnsignedInts.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/GeneralRange.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/primitives/UnsignedLong.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ServiceManager.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/cache/LongAddables.java
jar/jersey/repackaged/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java

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  jar/jersey/repackaged/com/google/common/collect/MapMaker.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ImmutableRangeSet.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/io/BaseEncoding.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/CartesianList.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/primitives/package-info.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ForwardingMultimap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/SortedSetMultimap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ForwardingImmutableMultimap.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ForwardingSortedMapMultimap.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingBlockingQueue.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ListeningExecutorService.java
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  jar/jersey/repackaged/com/google/common/collection/ForwardingListIterator.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
  jar/jersey/repackaged/com/google/common/collection/Multimaps.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
  jar/jersey/repackaged/com/google/common/io/CountingInputStream.java
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  jar/jersey/repackaged/com/google/common/util/concurrent/ExecutionList.java
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  * /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
    jar/jersey/repackaged/com/google/common/collect/EmptyImmutableBiMap.java
  * /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
    jar/jersey/repackaged/com/google/common/collect/ImmutableListMultimap.java
  * /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
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  * /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
    jar/jersey/repackaged/com/google/common/collect/ImmutableMap.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/annotations/VisibleForTesting.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/base/CaseFormat.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/Futures.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/RowSortedTable.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ImmutableEntry.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/SingletonImmutableBiMap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/RegularImmutableBiMap.java
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1.765 python-pip 8.1.1 2ubuntu0.4

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1.766 zlib 1.2.5

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.5, April 19th, 2010

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

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1.768 log4j-api 2.12.1

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 */
/**
 * Reviews the <code>Object</code> returned from a secure object invocation,
 * being able to modify the <code>Object</code> or throw an [@link
 * AccessDeniedException].
 * <p>
 * Typically used to ensure the principal is permitted to access the domain
 * object instance returned by a service layer bean. Can also be used to
 * mutate the domain object instance so the principal is only able to access
 * authorised bean properties or <code>Collection</code> elements.
 * <p>
 * Special consideration should be given to using an
 * <code>AfterInvocationManager</code> on bean methods that modify a database.
 * Typically an <code>AfterInvocationManager</code> is used with read-only
 * methods, such as <code>public DomainObject getId(id)</code>. If used with
 * methods that modify a database, a transaction manager should be used to
 * ensure any <code>AccessDeniedException</code> will cause a rollback of the
 * changes made by the transaction.
 * </p>
 *
 * @author Ben Alex
 */
Base64 encoder which is a reduced version of Robert Harder's public domain implementation (version 2.3.7).
* See <a href="http://iharder.net/base64">http://iharder.net/base64</a> for more information.
* For internal use only.
* @author Luke Taylor
* @since 3.0
*/

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*/
/**
* Implementation of the MD4 message digest derived from the RSA Data Security, Inc, MD4 Message-Digest
* Algorithm.
*
* @author Alan Stewart
*/

Found in path(s):
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar-zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/authentication/encoding/Md4.java

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/**
* A token issued by { @link TokenService}.  
*
* <p>
* It is important that the keys assigned to tokens are sufficiently randomised and secured that
* they can serve as identifying a unique user session. Implementations of { @link TokenService}
* are free to use encryption or encoding strategies of their choice. It is strongly recommended that
* keys are of sufficient length to balance safety against persistence cost. In relation to persistence
* cost, it is strongly recommended that returned keys are small enough for encoding in a cookie.
* </p>
*
* @author Ben Alex
* @since 2.0.1
*/

Found in path(s):
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar-zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/core/token/Token.java
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* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar-zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/remoting/dns/InitialContextFactory.java
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar-zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/remoting/dns/DnsLookupException.java
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar-zip/spring-
security-core-3-0-6-release-sources-jar/org/springframework/security/remoting/dns/DnsResolver.java
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar-zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/remoting/dns/IndiDnsResolver.java
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/**
 * @param authentication represents the user in question. Should not be null.
 * @param targetDomainObject the domain object for which permissions should be checked. May be null
 * in which case implementations should return false, as the null condition can be checked explicitly
 * in the expression.
 * @param permission a representation of the permission object as supplied by the expression system. Not null.
 * @return true if the permission is granted, false otherwise
 */

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* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar-zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/access/PermissionEvaluator.java
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* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar- zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/authentication/RememberMeAuthenticationToken.java
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* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar- zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/authentication/jaas/JaasPasswordCallbackHandler.java
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar- zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/access/...
security-core-3-0-6-release-sources-jar/org/springframework/security/access/vote/RoleVoter.java
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar.zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/authentication/jaas/event/JaasAuthenticationSuccessEvent.java
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* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar.zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/authentication/encoding/PasswordEncoder.java
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar.zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/authentication/event/AuthenticationFailureCredentialsExpiredEvent.java
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* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar.zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/authentication/dao/SystemWideSaltSource.java
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar.zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/access/intercept/NullRunAsManager.java
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar.zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/core/userdetails/UserDetails.java
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar.zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/core/AuthenticationException.java
* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar.zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/authentication/TestingAuthenticationToken.java
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* /opt/cola/permits/1075319284_1612183907.76/0/spring-security-core-3-0-6-release-sources-jar.zip/spring-security-core-3-0-6-release-sources-jar/org/springframework/security/core/security/AuthenticationManager.java

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cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/etc/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
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lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
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lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
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lib/libgss/g_rel_buffer.c
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lib/libgss/g_seal.c
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lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
```
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
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@var{signature of Ty Coon}, 1 April 1989
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THE BASIC LIBRARY FUNCTIONS

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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, 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.
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.

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That's all there is to it!
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
 * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
 * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
 * http://www.hypermall.com/
 * 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY interrupts us (except possibly for removal/insertion of the cable?)
 * 10/4/97 - began heavy inline documentation of the code. Corrected typos and spelling mistakes.
 * 10/5/97 - added code to handle PHY interrupts, disable PHY on loss of link, and correctly re-enable PHY when link is re-established. (put back CFG_PHYIE)
 * 10/6/97 - modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
 * R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
 * Linux driver for the IDT77201 NICStAR PCI ATM controller.
 * PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
 * see init_nicstar() for PHY initialization to change this. This driver expects the Linux ATM stack to support scatter-gather lists
 * (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
 */
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
   * combined, allow nicstar_free_rx_skb to be called to
   * recycle large data buffers
* 2) skb_clone of received buffers
  * See nicstar_free_rx_skb and linearize_buffer for implementation
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*
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*
* M. Welsh, 6 July 1996
*
*/

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for his work on the initial Linux DVB driver

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for his contributions to the dvb-net driver

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for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/externs.h
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/pathnames.h
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/compat.h

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$Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp $

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*/opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.8
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/database.c
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.c
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/do_command.c
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/misc.c
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/user.c
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/compat.c
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.h
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/env.c
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/entry.c
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.c
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/config.h
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* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.1

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* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/Makefile
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 */

$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp $

Read the comments at the top of the Makefile, then edit the area marked 'configurable stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since both the daemon and the `crontab' program will do this the first time they run if they don't exist. You do need to have a /var, though -- just "mkdir /var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var" if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. /usr/local/man is where I keep my man pages, but I have the source for `man' and you probably do not. Therefore you may have to put the man pages into /usr/man/manl, which will be hard since there will be name collisions. (Note that the man command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows _PATH_SENDMAIL to be /usr/bin/sendmail even though sendmail is installed in /usr/lib. You should check this out.

say:
make all

su and say:
make install

Note that if I can get you to "su and say" something just by asking, you have a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file for help on this.

Use the `crontab' command to install all the little pieces you just created.
Some examples (see below before trying any of these!)

crontab -u uucp -r /usr/lib/uucp/crontab.src
crontab -u news -r /usr/lib/news/crontab.src
crontab -u root -r /usr/adm/crontab.src

Notes on above examples: (1) the .src files are copied at the time the command is issued; changing the source files later will have no effect until they are reinstalled with another `crontab -r' command. (2) The crontab command will affect the crontab of the person using the command unless `-u USER' is given; `-u' only works for root. When using most `su' commands under most BSD's, `crontab' will still think of you as yourself even though you may think of yourself as root -- so use `-u' liberally. (3) the `-r' option stands for 'replace'; check the man page for crontab(1) for other possibilities.

Kill your existing cron daemon -- do `ps aux' and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up /etc/cron. Comment it out and add a line to start the new cron daemon -- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron (or whatever); no `&' is needed since the daemon forks itself and the process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX, you will need the public-domain "libndir", found in the B News source and in any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):
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1.806 opentracing-util 0.31.0

1.807 oauth2-client 2.17
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1.810 libgcrypt 1.6.5 2ubuntu0.6

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

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

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies
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1.821 guava 26.0-android

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jar/com/google/common/base/Stopwatch.java

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jar/com/google/common/util/concurrent/SettableFuture.java
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/**
* Holder for extra methods of { @code Objects} only in web. Intended to be empty for regular
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/primitives/ImmutableIntArray.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/primitives/ImmutableLongArray.java

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

This method was rewritten in Java from an intermediate step of the Murmur hash function in

http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the following header:

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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/Murmur3_32HashFunction.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/EmptyContiguousSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/Weigher.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/AbstractStreamingHasher.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/Funnels.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ExecutionError.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
  jar/com/google/common/util/concurrent/UncaughtExceptionHandlers.java
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  jar/com/google/common/annotations/Beta.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
  jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java
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  jar/com/google/common/util/concurrent/Monitor.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
  jar/com/google/common/util/concurrent/ListeningExecutorService.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/Atomics.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1.jar/com/google/common/base/Strings.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1.jar/com/google/common/collect/SortedLists.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1.jar/com/google/common/net/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1.jar/com/google/common/collect/ContiguousSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1.jar/com/google/common/base/Equivalence.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1.jar/com/google/common/base/Ascii.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/AllEqualOrdering.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/EvictingQueue.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/RangeMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/FilteredSetMultimap.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/CompactLinkedHashMap.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/CompactLinkedHashSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ForwardingBlockingDeque.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/FilteredEntryMultimap.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ImmutableEnumMap.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ForwardingDeque.java
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  jar/com/google/common/io/ReaderInputStream.java
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  jar/com/google/common/util/concurrent/AsyncCallable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
  jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1.jar/com/google/common/hash/AbstractByteHasher.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1.jar/com/google/common/io/ByteSink.java
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*/
/**
 * Outer class that exists solely to let us write [@code Partially.GwtIncompatible] instead of plain
 * [@code GwtIncompatible]. This is more accurate for [@link Futures#catching], which is available
 * under GWT but with a slightly different signature.
 *
 * We can't use [@code PartiallyGwtIncompatible] because then the GWT compiler wouldn't recognize
 * it as a [@code GwtIncompatible] annotation. And for [@code Futures.catching], we need the GWT
 * compiler to autostrip the normal server method in order to expose the special, inherited GWT
 * version.
 */

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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
  jar/com/google/common/collection/ImmutableSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/EmptyImmutableSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ImmutableEnumSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/SingletonImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ImmutableAsList.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/RegularImmutableList.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ImmutableSortedSetFauxverideShim.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/RegularImmutableSortedSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ArrayTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/AbstractIndexedListIterator.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ImmutableClassToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ComputationException.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ForwardingTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ImmutableSortedMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/DiscreteDomain.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ComparisonChain.java

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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/SuccessorsFunction.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/PredecessorsFunction.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/MutableNetwork.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/Network.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ImmutableNetwork.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/Graph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ImmutableGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/Graph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ImmutableGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/TopKSelector.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/MutableGraph.java

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 */
/**
 * Returns an array containing all of the elements in the specified collection. This method
 * returns the elements in the order they are returned by the collection's iterator. The returned
 * array is "safe" in that no references to it are maintained by the collection. The caller is
 * thus free to modify the returned array.
 * 
 * <p>This method assumes that the collection size doesn't change while the method is running.
 * 

* <p>TODO(kevinb): support concurrently modified collections?
* 
* @param c the collection for which to return an array of elements
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ObjectArrays.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ImmutableList.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ForwardingMultiset.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ByFunctionOrdering.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ForwardingObject.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/Sets.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ForwardingSortedMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/MutableClassToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/SortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collection/ForwardingSet.java
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jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/ListenerCallQueue.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1-
jar/com/google/common/base/MoreObjects.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1-
jar/com/google/common/eventbus/Subscriber.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/AbstractBiMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1-
jar/com/google/common/eventbus/Subscriber.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/AbstractBiMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1-
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1-
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/AbstractBiMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/guava-26-0-android-sources-1-
jar/com/google/common/eventbus/Subscriber.java
jar/com/google/common/eventbus/Dispatcher.java
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jar/com/google/common/math/Quantiles.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/eventbus/SubscriberRegistry.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/collect/GwtTransient.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1.jar/com/google/common/collect/Platform.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1.jar/com/google/common/collect/RegularImmutableBiMap.java

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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1.jar/com/google/common/eventbus/SubscriberExceptionContext.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1.jar/com/google/common/util/concurrent/Runnables.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1.jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/hash/HashingInputStream.java
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jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/graph/ImmutableValueGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
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jar/com/google/common/graph/EndpointPairIterator.java
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jar/com/google/common/graph/endpointPair.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/graph/GraphConnections.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
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jar/com/google/common/graph/NetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
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 */

/**
 * Not supported. <b>You are attempting to create a map that may contain a non-[@code Comparable]
 * key.</b> Proper calls will resolve to the version in [@code ImmutableSortedMap], not this dummy
 * version.
 *
 * @throws UnsupportedOperationException always
 *
 */

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jar/com/google/common/base/CaseFormat.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/TimeLimiter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/ImmediateFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/FluentFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/FuturesGetChecked.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/annotations/VisibleForTesting.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/TimeoutFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/Futures.java
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WebKit is using derived sources of ThreadCondition code from Pthreads-win32.

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That's all there is to it!
1.832 glibc 2.23-0ubuntu9

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Description: Don't warn for _BSD_SOURCE || _SVID_SOURCE, drop post-vivid
Author: Adam Conrad <adconrad@ubuntu.com>

--- glibc-2.21.orig/include/features.h
+++ glibc-2.21/include/features.h
@@ -145,7 +145,10 @@
    transitioned to use the new macro. */
#if (defined _BSD_SOURCE || defined _SVID_SOURCE) \
    & & !_defined _DEFAULT_SOURCE
+/* Don't #warn about _BSD_SOURCE || _SVID_SOURCE, as it breaks -Werror
+ and we don't have time to check/fix everything before vivid release
# warning " _BSD_SOURCE and _SVID_SOURCE are deprecated, use _DEFAULT_SOURCE"
+*/
#if ! defined _DEFAULT_SOURCE
#define _DEFAULT_SOURCE	1
#endif

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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.

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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Historically, haproxy has been covered by GPL version 2. However, an issue appeared in GPL which will prevent external non-GPL code from being built using the headers provided with haproxy. My long-term goal is to build a core system able to load external modules to support specific application protocols.

Since some protocols are found in rare environments (finance, industry, ...), some of them might be accessible only after signing an NDA. Enforcing GPL on such modules would only prevent them from ever being implemented, while not providing anything useful to ordinary users.

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1.861 libcap 2.25-r0
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1.864 snowball-stemmer 1.2.1
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Snowball stemming library collection for Python
===============================================

This document pertains to the Python version of the stemmer library distribution,
available for download from:

* https://github.com/shibukawa/snowball/

This repository includes Python source code generator

* https://github.com/shibukawa/snowball_python/

This repository includes generated Python source codes

Original program is maintained at following place:
Original Snowball product created by Dr Martin Porter and Richard Boulton (Java porting).
Original Snowball and my products are released under BSD license.

How to use library
------------------

The `snowballstemmer` module has two functions.

The `snowballstemmer.algorithms` function returns a list of available algorithm name string.

The `snowballstemmer.stemmer` function accepts algorithm name and returns `Stemmer` objects.

`Stemmer` objects have `Stemmer.stemWord(word)` method and `Stemmer.stemWords(word[])` method.

.. code-block:: python

   import snowballstemmer
   stemmer = snowballstemmer.stemmer('english');
   print(stemmer.stemWords("We are the world".split()));

`Stemmer` objects have `Stemmer.maxCacheSize` property. They cache result within the value. Default is 10000.

Accelerates Stemming
---------------------

if **PyStemmer** is installed, `snowballstemmer.stemmer` returns `PyStemmer`'s `Stemmer` objects. This `Stemmer` object has same methods (`Stemmer.stemWord()`, `Stemmer.stemWords()`).

**PyStemmer** is a Snowball's `libstemmer_c` wrapper module and it returns 100% compatible result with **snowballstemmer**.

**PyStemmer** has faster speed because it uses C-lang module, and **snowballstemmer** has higher usability because it is pure Python module.

* `PyStemmer <http://pypi.python.org/pypi/PyStemmer/>`

Benchmark
~~~~~~~~~~

Test Case: Snowball stemmer check data (16 algorithms, total 582560 words, cache hit 0%)
Computer: MacBook Pro 3rd Gen Corei7 2.3GHz

* Python 2.7 + **snowballstemmer** : 2m 30s
* PyPy 1.9 + **snowballstemmer** : 45s
* Python 2.7 + **PyStemmer** : 5s

This test case is much harder than usual usecases!

The TestApp example
---------------------

The `testapp.py` example program allows you to run any of the stemmers on a sample vocabulary.

Usage:

```
   testapp.py <algorithm> "sentences ... "
```

.. code-block:: bash

   $ python testapp.py English "sentences... "

Thanks
------

* Original Snowball authors
* Emil Stenström

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  1.2.1/README.rst
No license file was found, but licenses were detected in source scan.

Metadata-Version: 1.1
Name: snowballstemmer
Version: 1.2.1
Summary: This package provides 16 stemmer algorithms (15 + Porter English stemmer) generated from Snowball
algorithms.
Home-page: https://github.com/shibukawa/snowball_py
Author: Yoshiki Shibukawa
Author-email: yoshiki at shibu.jp
License: BSD
Description:
   It includes following language algorithms:

   * Danish
   * Dutch
   * English (Standard, Porter)
   * Finnish
   * French
   * German
   * Hungarian
   * Italian
   * Norwegian
   * Portuguese
   * Romanian
   * Russian
   * Spanish
   * Swedish
   * Turkish

   This is a pure Python stemming library. If `PyStemmer <http://pypi.python.org/pypi/PyStemmer>`_ is available,
   this module uses
   it to accelerate.
Keywords: stemmer
Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: BSD License
Classifier: Programming Language :: Python
Classifier: Natural Language :: Danish
Classifier: Natural Language :: Dutch
Classifier: Natural Language :: English
Classifier: Natural Language :: Finnish
Classifier: Natural Language :: French
Classifier: Natural Language :: German
Classifier: Natural Language :: Hungarian
Classifier: Natural Language :: Italian
Classifier: Natural Language :: Norwegian
Classifier: Natural Language :: Portuguese
Classifier: Natural Language :: Romanian
Classifier: Natural Language :: Russian
Classifier: Natural Language :: Spanish
Classifier: Natural Language :: Swedish
Classifier: Natural Language :: Turkish
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python :: 2.5
Classifier: Programming Language :: Python :: 2.6
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3.3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: Implementation :: PyPy
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Classifier: Topic :: Internet :: WWW/HTTP :: Indexing/Search
Classifier: Topic :: Text Processing :: Indexing
Classifier: Topic :: Text Processing :: Linguistic

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1.865 plexus-classworlds 1.1

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/*
 * $Id: UberJarRealmClassLoader.java 112 2004-11-03 17:37:23Z mhw $
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$Id: RealmClassLoader.java 114 2005-07-03 15:21:02Z jvanzyl $

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/*
$Id: ClassWorld.java 78 2004-07-01 13:59:13Z jvanzyl $

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/*
$Id: ClassRealm.java 94 2004-08-09 22:00:16Z jvanzyl $

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/*
$Id: InitialClassLoader.java 78 2004-07-01 13:59:13Z jvanzyl $

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* /opt/cola/permits/1136703427_1613865017.18/0/classworlds-1-1-sources-4-jar/org/codehaus/classworlds/uberjar/boot/InitialClassLoader.java
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/*
$Id: Launcher.java 108 2004-11-02 18:41:08Z mhw $

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/*
$Id: Bootstrapper.java 78 2004-07-01 13:59:13Z jvanzyl $

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/*
$Id: Entry.java 89 2004-07-18 00:40:00Z dandiep $

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  jar/org/codehaus/classworlds/Entry.java
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/*
$Id: NoSuchRealmException.java 78 2004-07-01 13:59:13Z jyanzy1 $

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*/netty-buffer/ByteBufHolder.java
*/netty-buffer/PooledUnsafeDirectByteBuf.java
* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/EmptyByteBuf.java
* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/AbstractByteBuf.java
* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/WrappedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/ReadOnlyByteBuf.java
* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/CompositeByteBuf.java
* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/Unpooled.java
* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/UnpooledHeapByteBuf.java
* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/ByteBufUtil.java
* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/UnpooledHeapByteBuf.java
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* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/PoolChunkList.java
* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/ReadOnlyUnsafeDirectByteBuf.java
* /opt/ws_local/PERMITS_SQL/1070948626_1594787977.17/0/netty-buffer-4-1-25-final-sources-jar/io/netty/buffer/SimpleLeakAwareByteBuf.java
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jar/io/netty/buffer/UnpooledSlicedByteBuf.java
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jar/io/netty/buffer/PoolSubpageMetric.java
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jar/io/netty/buffer/UnsafeByteBufUtil.java
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The following was recevied Fenbruary 23,2000 From: "Linn, John" February 19,
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1.896 x-time-rate 2.2.1

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gosnappy - a fork of code.google.com/p/snappy-go
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go-zookeeper - Native ZooKeeper client for Go
https://github.com/samuel/go-zookeeper
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// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"
}

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

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 cpandepends="perl-text-template perl-data-section perl-sub-install"
 cpanmakedepends="" depend=""$cpandepends"
makedepends="perl-dev $cpanmakedepends"
 subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/$_pkgreal-$pkgver.tar.gz"

_builddir="$srchdir/$_pkgreal-$pkgver"

prepare() {
    cd "$_builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}';`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$_builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}';`
    make & & make test
}

package() {
    cd "$_builddir"
    make DESTDIR="$_pkgdir" install || return 1
    find "$_pkgdir" \(-name perllocal.pod -o -name .packlist \) -delete
}

md5sums="0c5fd53d93818566234578b27d667b35  Software-License-0.103004.tar.gz"
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pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"

_prepare="$srcdir)/libart_lgpl-$pkgver

prepare() {
  cd "$_builddir"
  update_config_sub || return 1
}
build() {
  cd "$_builddir"
  ./configure \
  --build=$CBUILD \
  --host=$CHOST \
  --prefix=/usr \
  || return 1
  make || return 1
}
package() {
  cd "$_builddir"
  make DESTDIR="$pkgdir" install || return 1
  rm "$pkgdir)/usr/lib/*.la
}

md5sums="08559ff3c67fd95d57b0c5e91a6b4302  libart_lgpl-2.3.21.tar.bz2"

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1.903 netcat 1.10 41

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* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/support/ReflectiveConstructorExecutor.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/AccessException.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/common/ExpressionUtils.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/OperatorOverloader.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/support/StandardTypeLocator.java
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/PropertyOrFieldReference.java
* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/OpMinus.java
* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/OperatorNot.java
* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/Elvis.java
* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/RealLiteral.java
* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/OpGE.java
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* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/FloatLiteral.java
* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/QualifiedIdentifier.java
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1.919 commons-beanutils

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## Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/glassfish-ha-api
* https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor
* https://github.com/eclipse-ee4j/glassfish-shoal
* https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck
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1.924 libxmu 1.1.2-2

1.924.1 Available under license:
No license file was found, but licenses were detected in source scan.

--- libxmu-1.1.2.orig/autogen.sh
+++ libxmu-1.1.2/autogen.sh
@@ -0,0 +1,14 @@
+#! /bin/sh
+
+srcdir=`dirname $0`
+test -z "$srcdir" && srcdir=.
+
+ORIGDIR=`pwd`
+cd $srcdir
+
+autoreconf -v --install || exit 1
+cd $ORIGDIR || exit $?
+
+if test -z "$NOCONFIGURE"; then
+ $srcdir/configure "$@"
+fi
--- libxmu-1.1.2.orig/debian/changelog
+++ libxmu-1.1.2/debian/changelog
@@ -0,0 +1,219 @@
+libxmu (2:1.1.2-2) unstable; urgency=medium
+
+[ Andreas Boll ]
+ * Switch to dh with the autoreconf and quilt addons, fixing possible FTBFS
+ * when building in parallel (closes: #801059). Thanks, Matthias Klose!
+
+ [ Julien Cristau ]
+ * Remove Cyril from Uploaders.
+ * Bump Standards-Version to 3.9.6, update Vcs-* control fields.
+
+ -- Julien Cristau <jcristau@debian.org> Sat, 14 Nov 2015 10:04:44 +0100
+
+libxmu (2:1.1.2-1) unstable; urgency=low
+
+ * New upstream release.
+ * Add ${misc:Depends} to libxmu-headers.
+ * Use /usr/share/quilt/quilt.make instead of xsfbs for patching.
+ * Add build-{arch,indep} debian/rules targets.
+ * Bump debhelper compat level from 5 to 7.
+ 
+ -- Julien Cristau <jcristau@debian.org>  Mon, 05 May 2014 14:13:01 +0200
+ 
+libxmu (2:1.1.1-1) unstable; urgency=low
+ 
+ * New upstream release.
+ * Don't require (fake)root for debian/rules clean.
+ * Bump build-deps on xutils-dev, xmilo and xorg-sgml-doctools per
+   configure.ac.
+ * Xmu.html no longer hardcodes the full path to xlogo.svg, drop sed call
+   from debian/rules.
+ * Remove David Nusinow from Uploaders.
+ * Bump debhelper build-dep for ${misc:Pre-Depends} usage.
+ 
+ -- Julien Cristau <jcristau@debian.org>  Sat, 21 Apr 2012 10:50:11 +0200
+ 
+libxmu (2:1.1.0-3) unstable; urgency=low
+ 
+ * Build for multiarch.
+ 
+ -- Steve Langasek <vorlon@debian.org>  Fri, 21 Oct 2011 14:47:59 -0700
+ 
+libxmu (2:1.1.0-2) unstable; urgency=low
+ 
+ [ Christopher James Halse Rogers ]
+ * debian/patches/01_dont_export_private_deps.patch:
+   - The Xmu.h header uses libXt symbols in a #define, so libXt is not a
+     private dep. With binutils-gold, the indirect dependency on Xt is not
+     considered when linking with Xmu so this causes build failures.
+ 
+ [ Julien Cristau ]
+ * Drop Pre-Depends on x11-common, only needed for upgrades from the
+   monolith.
+ 
+ -- Julien Cristau <jcristau@debian.org>  Thu, 28 Apr 2011 14:10:11 +0200
+ 
+libxmu (2:1.1.0-1) unstable; urgency=low
+ 
+ * New upstream release.
+ * Bump xutils-dev build-dep for new macros.
+ * Add xmilo, xorg-sgml-doctools, and w3m build-dep for the doc.
+ * Pass --with-xmilo and --without-fop (we want html and txt only).
+ * Pass --docdir=/usr/share/doc/libxmu-headers and add this directory to
+   libxmu-headers.install file.
+ * Remove the hardcoded path to the X logo in the Xmu.html file.
+ * Kill *.xml in the doc directory, no point in shipping them.
+ * Switch from --list-missing to --fail-missing for additional safety.
+ +-- Cyril Brulebois <kibi@debian.org> Fri, 19 Nov 2010 08:42:29 +0100
+ +libxmu (2:1.0.5-2) unstable; urgency=high
+ + [ Julien Cristau ]
+ * Rename the build directory to not include DEB_BUILD_GNU_TYPE for no
+  good reason. Thanks, Colin Watson!
+ * Don't pass both -s and -Nfoo/-pfoo to dh_strip. This resulted in an empty
+  libxmuu1-db (Closes: #594500). Thanks to Luca Falavigna for the report.
+ + [ Cyril Brulebois ]
+ * Add myself to Uploaders.
+ * Bump urgency to high for the RC bugfix. Thanks to Jakub Wilk as well
+  for the report.
+ +-- Cyril Brulebois <kibi@debian.org> Sat, 04 Sep 2010 14:32:30 +0200
+ +libxmu (2:1.0.5-1) unstable; urgency=low
+ + [ Timo Aaltonen ]
+ * New upstream release.
+ * Fix 64bit support (closes: #521887)
+ + [ Julien Cristau ]
+ * Bump Standards-Version to 3.8.3.
+ +-- Julien Cristau <jcristau@debian.org> Wed, 25 Nov 2009 19:20:17 +0100
+ +libxmu (2:1.0.4-2) unstable; urgency=low
+ + [ Julien Cristau ]
+ * Drop -1 debian revisions from build-deps.
+ * libxmu6{,-dbg}, libxmu-dev, libxmuu1{,-dbg} and libxmuu-dev don't need a
+  dependency on x11-common.
+ * Build libxmu-headers in binary-indep instead of binary-arch
+ (closes: #486418). Thanks, Martin Koepple!
+ * Run autoreconf on build; build-depend on automake, libtool, xutils-dev.
+ * Handle parallel builds.
+ + [ Brice Goglin ]
+ * Add a link to www.X.org and a reference to the upstream module
+  in the long description.
+ * Add upstream URL to debian/copyright.
+ * Add README.source, bump Standards-Version to 3.8.2.
+ * Use updated xsfbs, closes: #538587.
+ * Move -dbg packages to section debug.
+ +-- Julien Cristau <jcristau@debian.org>  Fri, 07 Aug 2009 14:30:36 +0200
+ +libxmu (2:1.0.4-1) unstable; urgency=low
+ + [ Julien Cristau ]
+ + * New upstream release.
+ + * Make libxmu*-dev depend on libxmu-headers (= ${source:Version}). Thanks,
+ + Josh Triplett.
+ + * Don't export private dependencies in xmu.pc and xmuu.pc. These
+ + dependencies are handled by Requires.private.
+ + * Due to the above, build-depend on quilt and apply the xsfb's patch rules.
+ + * Add myself to Uploader's, and remove Branden and Fabio with their
+ + permission.
+ + * Bump Standards-Version to 3.7.3 (no changes).
+ + s/^XS-Vcs/Vcs/
+
+ + [ Timo Aaltonen ]
+ + * Bump the epoch so that this can be synced to Ubuntu in the future.
+
+ +-- Julien Cristau <jcristau@debian.org>  Thu, 17 Jan 2008 14:57:47 +0100
+ +libxmu (1:1.0.3-1) unstable; urgency=low
+ + * New upstream release.
+ + * Install the upstream changelog.
+ + * Remove outdated CVS information from the package descriptions, and add
+ +  XS-Vcs-Git and XS-Vcs-Browser.
+ + * Fix package sections (libraries in libs, development stuff in libdevel).
+ + * Use ${binary:Version} instead of ${Source-Version}.
+
+ +-- Julien Cristau <jcristau@debian.org>  Thu, 12 Apr 2007 13:40:07 +0200
+ +libxmu (1:1.0.2-2) unstable; urgency=low
+ + [ Andres Salomon ]
+ + * Test for obj-$ (DEB_BUILD_GNU_TYPE) before creating it during build;
+ +  idempotency fix.
+
+  [ Drew Parsons ]
+ + * dbg package has priority extra.
+
+ +-- David Nusinow <dnusinow@debian.org>  Wed, 30 Aug 2006 16:53:25 -0400
+ +libxmu (1:1.0.2-1) experimental; urgency=low
+
+ + * New upstream release
+ * Bump debhelper compat to 5
+ * Run dh_install with --list-missing
+ * Version the -headers package's x11-common pre-dep to use version 1:7.0.0
+ * Bump standards version to 3.7.2.0
+ -- David Nusinow <dnusinow@debian.org>  Mon,  3 Jul 2006 18:43:32 -0400
+ +libxmu (1:1.0.1-3) unstable; urgency=low
+ + * Reorder makeshlib command in rules file so that ldconfig is run
+ + * Upload to unstable
+ -- David Nusinow <dnusinow@debian.org>  Tue, 18 Apr 2006 21:49:59 -0400
+ +libxmu (1:1.0.1-2) unstable; urgency=low
+ + * First upload to Debian
+ -- David Nusinow <dnusinow@debian.org>  Thu, 23 Mar 2006 22:44:59 -0500
+ +libxmu (1:1.0.1-1) experimental; urgency=low
+ + * Also, libxmu-dev needs to depend on libxt-dev too.
+ -- Adam Conrad <adconrad@ubuntu.com>  Mon, 25 Jul 2005 09:43:47 +0000
+ +libxmu (1:6.2.3-4) breezy; urgency=low
+ + * Bump libxt-dev build-dep once more, _XOPEN_SOURCE begone!
+ -- Adam Conrad <adconrad@ubuntu.com>  Sun, 24 Jul 2005 10:48:14 +0000
+ +libxmu (1:6.2.3-3) breezy; urgency=low
+ + * Make libxmu-dev depend on libxext-dev, since libxmu links to it.
+ -- Adam Conrad <adconrad@ubuntu.com>  Sun, 24 Jul 2005 07:56:02 +0000
+ +libxmu (1:6.2.3-2) breezy; urgency=low
+ + * Bump Build-Depends on libx11-dev, libxext-dev and libxt-dev to avoid
+ _XOPEN_SOURCE.
+
+ -- Daniel Stone <daniel.stone@ubuntu.com>  Sat, 23 Jul 2005 00:20:50 +1000
+libxmu (1:6.2.3-1) breezy; urgency=low
+
+ * First libxmu release.
+
+ -- Daniel Stone <daniel.stone@ubuntu.com>  Mon, 16 May 2005 22:10:17 +1000

--- libxmu-1.1.2.orig/debian/compat
+++ libxmu-1.1.2/debian/compat
@@ -0,0 +1 @@
+9
--- libxmu-1.1.2.orig/debian/control
+++ libxmu-1.1.2/debian/control
@@ -0,0 +1,155 @@
+Source: libxmu
+Section: x11
+Priority: optional
+Maintainer: Debian X Strike Force <debian-x@lists.debian.org>
+Build-Depends:
+  debhelper (>= 9),
+  dh-autoreconf,
+  libx11-dev (>= 1:0.99.2),
+  libxt-dev (>= 1:0.99.1),
+  libxext-dev (>= 1:0.99.1),
+  pkg-config,
+  quilt,
+  automake,
+  libtool,
+  xutils-dev (>= 1:7.6+2),
+# devel-docs:
+  xmlto (>= 0.0.22),
+  xorg-sgml-doctools (>= 1:1.8),
+  w3m,
+Standards-Version: 3.9.6
+Vcs-Git: git://anonscm.debian.org/git/pkg-xorg/lib/libxmu
+Vcs-Browser: https://anonscm.debian.org/cgit/pkg-xorg/lib/libxmu.git
+
+Package: libxmu6
+Section: libs
+Architecture: any
+Multi-Arch: same
+Pre-Depends: "$[misc:Pre-Depends]"
+Depends: "$[shlibs:Depends]", "$[misc:Depends]"
+Description: X11 miscellaneous utility library
+ libXmu provides a set of miscellaneous utility convenience functions for X
+ libraries to use.  libXmuu is a lighter-weight version that does not depend
+ on libXt or libXext; for more information, see libxmuu1.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
+
+Package: libxmu6-dbg
+Section: debug
+Architecture: any
+Multi-Arch: same
+Priority: extra
+Depends: ${shlibs:Depends}, ${misc:Depends}, libxmu6 (= ${binary:Version})
+Description: X11 miscellaneous utility library (debug package)
+ libXmu provides a set of miscellaneous utility convenience functions for X
+ libraries to use. libXmuu is a lighter-weight version that does not depend
+ on libXt or libXext; for more information, see libxmuu1.
+ .
+ This package contains the debug versions of the library found in libxmu6.
+ Non-developers likely have little use for this package.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
+
+Package: libxmu-dev
+Section: libdevel
+Architecture: any
+Multi-Arch: same
+Depends: ${shlibs:Depends}, ${misc:Depends}, libxext-dev, libxt-dev, libxmu6 (= ${binary:Version}), libxmu-
+headers (= ${source:Version})
+Description: X11 miscellaneous utility library (development headers)
+ libXmu provides a set of miscellaneous utility convenience functions for X
+ libraries to use. libXmuu is a lighter-weight version that does not depend
+ on libXt or libXext; for more information, see libxmuu1.
+ .
+ This package contains the development headers for the library found in
+ libxmu6. Non-developers likely have little use for this package.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
+
Package: libxmuu1
Section: libs
Architecture: any
Multi-Arch: same
Pre-Depends: ${misc:Pre-Depends}
Depends: ${shlibs:Depends}, ${misc:Depends}
Description: X11 miscellaneous micro-utility library
libXmuu provides a set of miscellaneous utility convenience functions for X
libraries to use. It is a lighter version of libXmu that does not depend
on libXt or libXext; for more information on libXmu, see libxmu6.
+ More information about X.Org can be found at:
  <URL:http://www.X.org>
+ This module can be found at
  git://anongit.freedesktop.org/git/xorg/lib/libXmu
+ Package: libxmuu1-dbg
Section: debug
Architecture: any
Multi-Arch: same
Priority: extra
Depends: ${shlibs:Depends}, ${misc:Depends}, libxmuu1 (= ${binary:Version})
Description: X11 miscellaneous micro-utility library (debug package)
libXmuu provides a set of miscellaneous utility convenience functions for X
libraries to use. It is a lighter version of libXmu that does not depend
on libXt or libXext; for more information on libXmu, see libxmu6.
+ This package contains the debug versions of the library found in libxmuu1.
Non-developers likely have little use for this package.
+ More information about X.Org can be found at:
  <URL:http://www.X.org>
+ This module can be found at
  git://anongit.freedesktop.org/git/xorg/lib/libXmu
+ Package: libxmuu-dev
Section: libdevel
Architecture: any
Multi-Arch: same
Depends: ${shlibs:Depends}, ${misc:Depends}, libxmuu1 (= ${binary:Version}), libxmu-headers (= ${source:Version})
Description: X11 miscellaneous micro-utility library (development headers)
libXmuu provides a set of miscellaneous utility convenience functions for X
libraries to use. It is a lighter version of libXmu that does not depend
on libXt or libXext; for more information on libXmu, see libxmu6.
+ This package contains the development headers for the library found in
+ libxmuu1. Non-developers likely have little use for this package.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
+ +Package: libxmu-headers
+ +Section: libdevel
+ +Architecture: all
+ +Multi-Arch: foreign
+ +Depends:
+ + libx11-dev,
+ + x11proto-core-dev,
+ + ${misc:Depends},
+ +Description: X11 miscellaneous utility library headers
+ + libXmu and libXmuu are miscellaneous utility libraries for X library
+ + developers to abstract some common functions. This package provides the
+ + headers for both libraries (as libXmuu is a subset of libXmu), and
+ + is depended upon by both. For more information, please see libxmu-dev or
+ + libxmuu-dev.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
--- libxmu-1.1.2.orig/debian/copyright
+++ libxmu-1.1.2/debian/copyright
@@ -0,0 +1,77 @@
+This package was downloaded from
+http://xorg.freedesktop.org/releases/individual/lib/
+ +Copyright 1989, 1998 The Open Group
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+ +documentation for any purpose is hereby granted without fee, provided that
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+
+------------
+
+Xmu/StrToBmap.c and Xmu/GrayPixmap.c also have:
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+------------
+
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+ Version: @PACKAGE_VERSION@
+ Requires: xproto x11 xt
++ Requires: xproto xt
+ Requires.private: x11 xt xext
+ Cflags: -I${includedir}
+ Libs: -L${libdir} -lXmu
+diff --git a/xmuu.pc.in b/xmuu.pc.in
+index 1e91ac4..72fa5f9 100644
+--- a/xmuu.pc.in
++++ b/xmuu.pc.in
+@@ -6,7 +6,7 @@ includedir=@includedir@
+ Name: Xmuu
+ Description: Mini Xmu Library
+ Version: @PACKAGE_VERSION@
++ Requires: xproto x11
++ Requires: xproto
+ Requires.private: x11
+ Cflags: -I${includedir}
+ Libs: -L${libdir} -lXmuu
--- libxmu-1.1.2.orig/debian/patches/series
+++ libxmu-1.1.2/debian/patches/series
@@ -0,0 +1 @@
+01_dont_export_private_deps.diff
--- libxmu-1.1.2.orig/debian/rules
+++ libxmu-1.1.2/debian/rules
@@ -0,0 +1,34 @@
#!/usr/bin/make -f
# debian/rules for the Debian libxmu package.
# Copyright 2004 Scott James Remnant <scott@netsplit.com>
# Copyright 2005 Daniel Stone <daniel@foooishbar.org>
# Copyright 2005 David Nusinow <dnusinow@debian.org>
+
+# Uncomment this to turn on verbose mode.
+#export DH VERBOSE=1
+
+.PHONY: build
+build:
+dh build --with quilt,autoreconf --builddirectory=build/ --parallel
+
+%
+dh $@ --with quilt,autoreconf --builddirectory=build/ --parallel
+
+override_dh_auto_configure:
+dh_auto_configure -- \\
+--disable-silent-rules \\
+--docdir=${prefix}/share/doc/libxmu-headers \\
+--with-xmlto \\
+--without-fop
+override_dh_auto_install:
+dh_auto_install
+find debian/tmp/usr/share/doc/libxmu-headers -name '*.xml' -delete
+
+override_dh_install-arch:
+dh_install --fail-missing -Xusr/include -X.la
+
+override_dh_strip:
+dh_strip -Nlibxmu6 -Nlibxmuu1
+dh_strip -plibxmu6 --dbg-package=libxmu6-dbg
+dh_strip -plibxmuu1 --dbg-package=libxmuu1-dbg
--- libxmu-1.1.2.orig/debian/watch
+++ libxmu-1.1.2/debian/watch
@@ -0,0 +1,3 @@
+#git=git://anongit.freedesktop.org/xorg/lib/libXmu
+version=3
+http://xorg.freedesktop.org/releases/individual/lib/ libXmu-(.*)\.tar\.gz

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1013987576_1591897387.78/0/libxmu-1-1-2-2-diff-gz/libxmu_1.1.2-2.diff

1.925 protobuf-java 3.5.1

1.926 mime-support 3.59ubuntu1
1.926.1 Available under license:

Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Source: git://anonscm.debian.org/collab-maint/mime-support.git

Files: *
Copyright: public-domain
License: ad-hoc
This package was written by Brian White <bcwhite@pobox.com> and others.
It contains public information compiled from around the 'net and many people.
.
The "update-mime" program was written by Brian White and has been placed in the public domain.

Files: mailcap.man
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Comment: Author: Nathaniel S. Borenstein

1.927 libdevmapper 1.02.110 1ubuntu10

1.927.1 Available under license :

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Version 2.1, February 1999

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  jar/io/netty/channel/socket/InternetProtocolFamily.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-
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* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java

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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its [@link ChannelPipeline].
*
* <h3>Sub-types</h3>
* <p>
* [@link ChannelHandler] itself does not provide many methods, but you usually have to implement one of its
subtypes:
* <ul>
* <li>[@link ChannelInboundHandler] to handle inbound I/O events, and</li>
* <li>[@link ChannelOutboundHandler] to handle outbound I/O operations.</li>
* </ul>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>[@link ChannelInboundHandlerAdapter] to handle inbound I/O events,</li>
* <li>[@link ChannelOutboundHandlerAdapter] to handle outbound I/O operations, and</li>
* <li>[@link ChannelDuplexHandler] to handle both inbound and outbound events</li>
* </ul>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A [@link ChannelHandler] is provided with a [@link ChannelHandlerContext]
object. A [@link ChannelHandler] is supposed to interact with the
* [@link ChannelPipeline] it belongs to via a context object. Using the
context object, the [@link ChannelHandler] can pass events upstream or
* downstream, modify the pipeline dynamically, or store the information
* (using [@link AttributeKey])s which is specific to the handler.
*
* <h3>State management</h3>
* 
* A [@link ChannelHandler] often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* public interface Message {
*     // your methods here
* }
* 
* public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
*     private boolean loggedIn;
*     
*     @Override
*     public void channelRead0(ChannelHandlerContext ctx, Message message) {
*         Channel ch = e.getChannel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             loggedIn = true;
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ch.write(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {ChannelInitializer#initChannel(_Channel}).
* public class DataServerInitializer extends ChannelInitializer<Channel> {
*     @Override
*     public void initChannel(Channel channel) {
*         channel.pipeline().addLast("handler", new DataServerHandler());
*     }
* }
* </pre>
* 
* <h4>Using AttributeKey</h4>
* 
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use AttributeKey which is provided by
* ChannelHandlerContext:
public interface Message {
    // your methods here
}

@Sharable
public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
    private final AttributeKey<Boolean> auth = AttributeKey.valueOf("auth");

    @Override
    public void channelRead(ChannelHandlerContext ctx, Message message) {
        Attribute<Boolean> attr = ctx.attr(auth);
        Channel ch = ctx.channel();
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) o);
            attr.set(true);
        } else if (message instanceof GetDataMessage) {
            if (Boolean.TRUE.equals(attr.get())) {
                ch.write(fetchSecret((GetDataMessage) o));
            } else {
                fail();
            }
        }
    }

    ...
}

Now that the state of the handler is attached to the ChannelHandlerContext, you can add the same handler instance to different pipelines:

public class DataServerInitializer extends ChannelInitializer<Channel> {

    private static final DataServerHandler SHARED = new DataServerHandler();

    @Override
    public void initChannel(Channel channel) {
        channel.pipeline().addLast("handler", SHARED);
    }

    ...
}

The @Sharable annotation

In the example above which used an AttributeKey, you might have noticed the @Sharable annotation.
* If a [@link ChannelHandler] is annotated with the [@code @Sharable] annotation, it means you can create an instance of the handler just once and add it to one or more [@link ChannelPipeline]s multiple times without a race condition.

* If this annotation is not specified, you have to create a new handler instance every time you add it to a pipeline because it has unshared state such as member variables.

* This annotation is provided for documentation purpose, just like the JCIP annotations.<a href="http://www.javaconcurrencyinpractice.com/annotations/doc/>

* Additional resources worth reading

* Please refer to the [@link ChannelHandler], and [@link ChannelPipeline] to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle the operation in your application.

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* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/pool/ChannelHealthChecker.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolMap.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/pool/ChannelPool.java
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* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java

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  jar/io/netty/channel/group/VoidChannelGroupFuture.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-
  jar/io/netty/channel/DefaultSelectStrategy.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-
  jar/io/netty/channel/DefaultSelectStrategyFactory.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-
  jar/io/netty/bootstrap/ServerBootstrapConfig.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-
  jar/io/netty/channel/socket/DuplexChannel.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-
  jar/io/netty/channel/ChannelOutboundInvoker.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-
  jar/io/netty/bootstrap/AbstractBootstrapConfig.java
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  jar/io/netty/channel/WriteBufferWaterMark.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-
  jar/io/netty/channel/SelectStrategy.java
* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-
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* /opt/ws_local/PERMITS_SQL/1070948452_1594787917.25/0/netty-transport-4-1-25-final-sources-
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1.929 latencyutils 2.0.3

1.930 gson 2.2.4

1.931 aspect-j 1.8.11
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1.934 argparse 0.8.1

1.935 shadow 4.2-3.1ubuntu5.2

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1.939 dropwizard-template-config 1.4.0

1.940 go-multierror 1.0.0
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1.941 scowl 7.1-1

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1.943 jackson 2.10.5
1.943.1 Available under license:

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1.944 unzip 6.0 20ubuntu1

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71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that
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1.945.1 Available under license :
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It is currently maintained by Anibal Monsalve Salazar <anibal@debian.org>.

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1.946 go-jmespath 1.1.5

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## go-diff - https://github.com/sergi/go-diff

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## golcs - https://github.com/yudai/golcs

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## cli.go - https://github.com/codegangsta/cli

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// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    Name string `json:"name,omitempty"`
    URL string `json:"url,omitempty"`
}
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Go support for Protocol Buffers - Google's data interchange format

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

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1.952 httpcomponents-core 4.4.13

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1.958 lua 5.3.1-1ubuntu2.1

1.959 go-sql-driver-mysql 1.1.8

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1.966 dropwizard-servlets 1.0.0

1.967 spring-osgi-annotation 2.0.0.M1

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* /opt/ws_local/PERMITS_SQL/1073048990_1595257348.91/0/reactor-core-3-2-6-release-sources-jar/reactor/core/publisher/DirectProcessor.java
* /opt/ws_local/PERMITS_SQL/1073048990_1595257348.91/0/reactor-core-3-2-6-release-sources-jar/reactor/core/publisher/MonoRetryPredicate.java
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* /opt/ws_local/PERMITS_SQL/1073048990_1595257348.91/0/reactor-core-3-2-6-release-sources-jar/reactor/core/publisher/SourceProducer.java
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* /opt/ws_local/PERMITS_SQL/1073048990_1595257348.91/0/reactor-core-3-2-6-release-sources-jar/reactor/util/annotation/NonNull.java
* /opt/ws_local/PERMITS_SQL/1073048990_1595257348.91/0/reactor-core-3-2-6-release-sources-jar/reactor/util/annotation/Nullable.java

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* /opt/ws_local/PERMITS_SQL/1073048990_1595257348.91/0/reactor-core-3-2-6-release-sources-jar/reactor/core/publisher/FluxMetricsFuseable.java
* /opt/ws_local/PERMITS_SQL/1073048990_1595257348.91/0/reactor-core-3-2-6-release-sources-jar/reactor/core/publisher/FluxDoOnEachFuseable.java
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  jar/reactor/core/publisher/MonoSingleMono.java
* /opt/ws_local/PERMITS_SQL/1073048990_1595257348.91/0/reactor-core-3-2-6-release-sources-
  jar/reactor/core/publisher/BlockingOptionalMonoSubscriber.java

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<one line to give the program’s name and a brief idea of what it does.>
o HTTP/SSL checkers

Bradley Baetz, <bradley.baetz@optusnet.com.au> :
o MISC checker redesign
o Scheduler framework extension to support child process handling.
o Daemon framework extension to block SIGCHLD to only receive it when its unblocked in the scheduling select loop.

Jeremy Rumpf, <rumpf.6@osu.edu> :
o Added SMTP checker

Chris Caputo, <ccaputo@alt.net> :
o Added dont_track_primary, nopreempt, preempt_delay, and misc_dynamic.

Kevin Lindsay, <kevinl@netnation.com> :
o Fixed shadowed declaration reported by -Wshadow.
o Redesigned signal handling.

Nick Couchman, <nick.couchman at seakr.com> :
o Patch for u_threshold and l_threshold support.

Willy Tarreau, <w at 1wt.eu> :
o Extended VRRP framework to support floating priority.

1.994 spring-boot-starter-logging

2.2.9.RELEASE

1.994.1 Available under license:
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1.995 httpclient 4.5.6
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1.998 jackson-databind 2.11.3

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1.999 jdiameter-parent 1.5.9.0-build538-SNAPSHOT

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1.1002 poi-ooxml 3.15

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import os
from setuptools import setup

def read(fname):
    return open(os.path.join(os.path.dirname(__file__), fname)).read()

__sdesc = 'Python PAM module using ctypes, py3/py2'

setup(name='python-pam',
      description=__sdesc,
      long_description=read('README.md'),
      py_modules=['pam'],
      version='1.8.3',
      author='David Ford',
      author_email='david@blue-labs.org',
      maintainer='David Ford',
      maintainer_email='david@blue-labs.org',
      url='https://github.com/FirefighterBlu3/python-pam',
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      platforms=['i686','x86_64'],
      classifiers=[
                      'Development Status :: 6 - Mature',
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                      'Intended Audience :: Developers',
                      'Intended Audience :: Information Technology',
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1.1010 libdnet 1.12-26.el8

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1.1011 asm 3.3

1.1012 tomcat-embed-websocket 9.0.37
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<sr1@inf.tu-dresden.de>.

Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He
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Since May 20 2000, it is maintained by Roland Bauerschmidt
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1.1016 sudo 1.8.16-0ubuntu1.10

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Ackeret, Matt
Adler, Mark
Allbery, Russ
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
Coleman, Chris
Corzine, Deven T.
Cusack, Frank
Dai, Wei
Dill, David
Earickson, Jeff
Eckhardt, Drew
Edgington, Ben
Esipovich, Marc
Espie, Marc
Faigon, Ariel
Farrell, Brian
Fobes, Steve
Fry singer, Mike
G., Daniel Richard
Gailly, Jean-loup
Gelman, Stephen
Gerraty, Simon J.
Graber, Stephane
Guillory, B.
Hayman, Randy M.
Henke, Joachim
Hideaki, YOSHIFUJI
Hieb, Dave
Holloway, Nick
Hoover, Adam
Hunter, Michael T.
Hutchings, Ben
Irgang, Eric
Paradis, Chantal
Percival, Ted
Perera, Andres
Peron, Christian S.J.
Peschel, Aaron
Peslyak, Alexander
Peterson, Toby
Petten, Diego Elio
Pickett, Joel
Plotnick, Alex
de Raadt, Theo
Rasch, Gudleik
Reid, Steve
Richards, Matt
Rossum, Guido van
Rouillard, John P.
Rowe, William A., Jr.
Roy, Alain
Ruusame, Elan
Ryabkin, Eygene
SATO, Yuichi
Sanchez, Wilfredo
Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
Schwarze, Ingo
Scott, Dougal
Sieger, Nick
Simon, Thor Lancelot
Slemko, Marc
Smith, Andy
Sobrado, Igor
Soulen, Steven
Spangler, Aaron
Spradling, Cloyce D.
Stier, Matthew
Stoeckmann, Tobias
Street, Russell
Stritzky, Tilo
Stroucken, Michael
Tarrall, Robert
Thomas, Matthew
Todd, Giles
Toft, Martin
Torek, Chris
Tucker, Darren
Uhl, Robert
Uzel, Petr
Valery, Reznic
Van Dinter, Theo
Venckus, Martynas
de Vries, Maarten
Wagner, Klaus
Walsh, Dan
Warburton, John
Webb, Kirk
Wetzel, Timm
Wieringen, Marco van
Wilk, Jakub
Winiger, Gary
Wood, David
Zacarias, Gustavo
Zolnowsky, John

The following people have worked to translate sudo into other languages:

Blittermann, Mario
Bogusz, Jakub
Casagrande, Milo
Castro, Felipe
Chornoivan, Yuri
Diguez, Francisco
Ferreira, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frederic
Hein, Jochen
Jerovek, Damir
Karvonen, Jorma
Kazik, Duan
Kelemen, Gabor
Koir, Klemen
Kozlov, Yuri
Kramer, Jakob
Krznar, Tomislav
Marchal, Frederic
Margeliuvis, Algimantas
Maryanov, Pavel
Nikoli, Miroslav
Nylander, Daniel
Psa, Petr
Qun, Trn Ngc
Regueiro, Leandro
Sarer, zgr
Sendn, Abel
Sikrom, ka
Spingos, Dimitris
Taniguchi, Yasuaki
Uranga, Mikel Olasagasti
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package spec

// License information for the exposed API.

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

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

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1.1036 expression 3.0.6.RELEASE

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* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/ast/OperatorPower.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/ast/OpDivide.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/SpelParserConfiguration.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/ast/Operator.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/support/StandardTypeComparator.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/ast/StringLiteral.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/support/StandardTypeLocator.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/expression/templ/TemplateAwareExpressionParser.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/ExpressionParser.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/support/StandardTypeComparator.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/ast/InternalParseException.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/ast/OpAnd.java
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* // Chew on the expression text - relying on the rules
* case ""
* case "\"
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("foo${expr0}bar${expr1}". The static

Found in path(s):
* * number of expressions all contained in "${...}" markers. For instance
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Found in path(s):
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/ParserContext.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/ParseException.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/SpelEvaluationException.java
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Found in path(s):
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-
jar/org/springframework/expression/spel/support/ReflectiveMethodExecutor.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-
jar/org/springframework/expression/spel/ast/BeanReference.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-
jar/org/springframework/expression/spel/support/ReflectiveConstructorResolver.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-
jar/org/springframework/expression/spel/ast/FunctionReference.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-
jar/org/springframework/expression/Expression.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-
jar/org/springframework/expression/spel/support/Expression.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-
jar/org/springframework/expression/spel/support/Projection.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-
jar/org/springframework/expression/spel/support/ReflectiveConstructorExecutor.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-
jar/org/springframework/expression/common/ExpressionUtils.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-
jar/org/springframework/expression/TypeConverter.java
* /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-
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case ']': case ')

Found in path(s):
* case '}
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'' +

Found in path(s):
* " for expression starting at character " + prefixIndex + "
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Found in path(s):
* * http
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case '[': case '):

Found in path(s):
* case '{

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square brackets [ ] round brackets () and curly brackets { }

Found in path(s):
  * * Bracket is used to describe
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Found in path(s):
  * /opt/cola/permits/1075319298_1604573401.6/0/org-springframework-expression-3-0-6-release-sources-jar/org/springframework/expression/spel/ast/AstUtils.java

1.1037 hdrhistogram 2.1.8

1.1038 dropwizard-request-logging 1.0.0

1.1039 pam 1.1.8-3.2ubuntu2
1.1039.1 Available under license :

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1.1040 poi-scratchpad 3.15
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  jar/org/springframework/boot/autoconfigure/web/reactive/TomcatReactiveWebServerFactoryCustomizer.java
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* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-
  jar/org/springframework/boot/autoconfigure/amqp/RabbitRetryTemplateCustomizer.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-
  jar/org/springframework/boot/autoconfigure/SpringBootApplication.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-
  jar/org/springframework/boot/autoconfigure/mail/package-info.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-
  jar/org/springframework/boot/autoconfigure/AutoConfigurationImportSelector.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-
  jar/org/springframework/boot/autoconfigure/data/solr/SolrRepositoriesAutoConfiguration.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-
  jar/org/springframework/boot/autoconfigure/freemarker/FreeMarkerTemplateAvailabilityProvider.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-
  jar/org/springframework/boot/autoconfigure/security/oauth2/resource/reactive/package-info.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-
  jar/org/springframework/boot/autoconfigure/batch/BatchAutoConfiguration.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-jar/org/springframework/boot/autoconfigure/data/redis/LettuceConnectionConfiguration.java

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* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-jar/org/springframework/boot/autoconfigure/liquibase/LiquibaseAutoConfiguration.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-jar/org/springframework/boot/autoconfigure/liquibase/LiquibaseDataSource.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-jar/org/springframework/boot/autoconfigure/validation/PrimaryDefaultValidatorPostProcessor.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-jar/org/springframework/boot/autoconfigure/amqp/RabbitAnnotationDrivenConfiguration.java

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* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-jar/org/springframework/boot/autoconfigure/flyway/FlywayConfigurationCustomizer.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-jar/org/springframework/boot/autoconfigure/batch/BatchDataSourceInitializer.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources-
jar/org/springframework/boot/autoconfigure/data/elasticsearch/ReactiveElasticsearchRepositoriesAutoConfiguration.java

* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/orm/jpa/package-info.java


* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/elasticsearch/rest/RestClientProperties.java

* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/webservices/WebServicesAutoConfiguration.java

* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/condition/ConditionOutcome.java


* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/web/reactive/WebFluxProperties.java

* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/web/reactive/error/package-info.java

* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/kafka/KafkaAutoConfiguration.java


* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/domain/package-info.java


* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/flyway/FlywayMigrationScriptMissingFailureAnalyzer.java

* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/integration/IntegrationDataSourceInitializer.java

* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/jdbc/EmbeddedDataSourceConfiguration.java

* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/data/mongo/MongoDataAutoConfiguration.java

* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/jms/artemis/ArtemisProperties.java
jar/org/springframework/boot/autoconfigure/web/servlet/ServletWebServerFactoryCustomizer.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.820/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/template/PathBasedTemplateAvailabilityProvider.java

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jar/org/springframework/boot/autoconfigure/data/couchbase/CouchbaseRepositoriesAutoConfiguration.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.820/spring-boot-autoconfigure-2-2-9-release-sources-
jar/org/springframework/boot/autoconfigure/validation/package-info.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.820/spring-boot-autoconfigure-2-2-9-release-sources-
jar/org/springframework/boot/autoconfigure/orm/jpa/HibernateSettings.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.820/spring-boot-autoconfigure-2-2-9-release-sources-
jar/org/springframework/boot/autoconfigure/web/reactive/error/ErrorWebFluxAutoConfiguration.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.820/spring-boot-autoconfigure-2-2-9-release-sources-
jar/org/springframework/boot/autoconfigure/data/elasticsearch/ReactiveRestClientAutoConfiguration.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.820/spring-boot-autoconfigure-2-2-9-release-sources-
jar/org/springframework/boot/autoconfigure/data/couchbase/CouchbaseReactiveDataAutoConfiguration.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.820/spring-boot-autoconfigure-2-2-9-release-sources-
jar/org/springframework/boot/autoconfigure/session/RedisSessionConfiguration.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.820/spring-boot-autoconfigure-2-2-9-release-sources-
jar/org/springframework/boot/autoconfigure/web/servlet/UndertowServletWebServerFactoryCustomizer.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.820/spring-boot-autoconfigure-2-2-9-release-sources-
jar/org/springframework/boot/autoconfigure/web/embedded/EmbeddedWebServerFactoryCustomizerAutoConfigur
ation.java

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* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/security/servlet/AntPathRequestMatcherProvider.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/package-info.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/gson/GsonBuilderCustomizer.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/web/reactive/package-info.java
* /opt/ws_local/PERMITS_SQL/1078545671_1597905110.82/0/spring-boot-autoconfigure-2-2-9-release-sources.jar/org/springframework/boot/autoconfigure/elasticsearch/rest/RestClientBuilderCustomizer.java
1.1051 protobuf-java 3.7.1

1.1052 inf 1.1.5

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1.1053 eclipse-rap-jface 2.3.2

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1.1054 commons-compiler 2.6.1

1.1055 tre 1.1.19-r11

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1.1056 httpclient 4.5.2
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1.1057 jackson-xc 2.10.5

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1.1058 sed 4.2.2 7

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Version 3, 29 June 2007

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<signature of Ty Coon>, 1 April 1989
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------------------------------------------------------------
mgo - MongoDB driver for Go

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tomb - support for clean goroutine termination in Go.

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mgo - MongoDB driver for Go

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Written by: Philip Hazel
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zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.8, April 28th, 2013

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1.1088 netbsd-resolv 2.23-0ubuntu9

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* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/userdetails/PasswordPolicyResponseControl.java

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* /opt/cola/permits/1138377105_1614280849.94/0/spring-core-3-0-6-release-sources-4-jar/org/springframework/core/AttributeAccessorSupport.java

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//
// For more information: http://goo.gl/8us55a#licenseObject
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    URL  string `json:"url,omitempty"
}

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# Auto-generated with:

```bash

git log --oneline --pretty=format:'%an <%aE>' | sort -u
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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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1.1095 fdisk 2.27.0

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Initialize empty image
f1c9645dbc14efddc77d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266e2df055067c18f2cf9 bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device     Boot Start   End Sectors Size Id Type
<removed>1  2048 4095 2048 1M 83 Linux

Create 2st primary partition
1beb87248e05d6e462b749da65d023 bsd.img
Set 2nd partition type
2d8e8df151a88a045db233418dd73fbe bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device  Boot Start  End Sectors Size Id Type
<removed>1  2048  4095  2048 1M 83 Linux
<removed>2  4096 20479 16384 8M a5 FreeBSD
-------------------
Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img
---layout--------

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start  End Sectors  Size Type  Fsize Bsize Cpg
c  4096 20479  16384 8M unused  0  0  0
d  0 16064  16065  7.9M unused  0  0  0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):
-------------------
b5c121c2091b2ff26b880551feac7112 bsd.img
---layout--------

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.
Disk label type: bsd

<table>
<thead>
<tr>
<th>Slice</th>
<th>Start</th>
<th>End</th>
<th>Sectors</th>
<th>Size</th>
<th>Type</th>
<th>Fsize</th>
<th>Bsize</th>
<th>Cpg</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>4096</td>
<td>6144</td>
<td>2049</td>
<td>1M</td>
<td>4.2BSD</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>c</td>
<td>4096</td>
<td>20479</td>
<td>16384</td>
<td>8M</td>
<td>unused</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>d</td>
<td>0</td>
<td>16064</td>
<td>16065</td>
<td>7.9M</td>
<td>unused</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

0  unused           5  4.1BSD           9  4.4LFS   d  boot
1  swap             6  Eighth Edition  a  unknown  e  ADOS
2  Version 6        7  4.2BSD           b  HPFS    f  HFS
3  Version 7        8  MS-DOS           c  ISO-9660 10  AdvFS
4  System V

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1.1096 pcap4j-core 1.6.0
1.1097 ndisc 1.0.1-1ubuntu2

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#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
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src/bdf/bdf.h
src/bdf/bdfdrivr.c
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#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
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jseward@bzip.org
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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, 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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jar/io/netty/handler/ssl/SniHandler.java
* /opt/ws_local/PERMITS_SQL/1070948782_1594799724.59/0/netty-handler-4-1-25-final-sources-
jar/io/netty/handler/ssl/CipherSuiteFilter.java
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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.

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

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

b) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
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c) If distribution of the work is made by offering access to copy
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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
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which the executable runs, unless that component itself accompanies
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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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

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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.)

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

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THE BASIC LIBRARY FUNCTIONS
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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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jar/org/springframework/security/web/PortMapper.java
* /opt/cola/permits/1075319462_1605159330.07/0/spring-security-web-3-0-6-release-sources-
jar/org/springframework/security/web/session/HttpSessionCreatedEvent.java
* /opt/cola/permits/1075319462_1605159330.07/0/spring-security-web-3-0-6-release-sources-
jar/org/springframework/security/web/access/channel/InsecureChannelProcessor.java
* /opt/cola/permits/1075319462_1605159330.07/0/spring-security-web-3-0-6-release-sources-
jar/org/springframework/security/web/savedrequest/DefaultSavedRequest.java
* /opt/cola/permits/1075319462_1605159330.07/0/spring-security-web-3-0-6-release-sources-
jar/org/springframework/security/web/session/HttpSessionEventPublisher.java
* /opt/cola/permits/1075319462_1605159330.07/0/spring-security-web-3-0-6-release-sources-
jar/org/springframework/security/web/access/AccessDeniedHandlerImpl.java
* /opt/cola/permits/1075319462_1605159330.07/0/spring-security-web-3-0-6-release-sources-
jar/org/springframework/security/web/savedrequest/FastHttpDateFormat.java
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jar/org/springframework/security/web/access/DefaultWebInvocationPrivilegeEvaluator.java
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jar/org/springframework/security/web/access/InterceptedInvocationPrivilegeEvaluator.java
* /opt/cola/permits/1075319462_1605159330.07/0/spring-security-web-3-0-6-release-sources-
jar/org/springframework/security/web/authentication/UsernamePasswordAuthenticationFilter.java
* /opt/cola/permits/1075319462_1605159330.07/0/spring-security-web-3-0-6-release-sources-
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* /opt/cola/permits/1075319462_1605159330.07/0/spring-security-web-3-0-6-release-sources-
jar/org/springframework/security/web/util/ELRequestMatcherContext.java

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  /opt/cola/permits/113877165_1614280938.79/0/spring-context-3-0-6-release-sources-4.jar/org/springframework/jmx/export/MBeanExportException.java
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  /opt/cola/permits/113877165_1614280938.79/0/spring-context-3-0-6-release-sources-4.jar/org/springframework/jmx/export/UnableToRegisterMBeanException.java
  /opt/cola/permits/113877165_1614280938.79/0/spring-context-3-0-6-release-sources-4.jar/org/springframework/jmx/JmxException.java
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  /opt/cola/permits/113877165_1614280938.79/0/spring-context-3-0-6-release-sources-4.jar/org/springframework/jmx/export/metadata/InvalidMetadataException.java
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/**
 * {@link FactoryBean} that obtains a WebSphere {@link javax.management.MBeanServer}
 * reference through WebSphere's proprietary <code>AdminServiceFactory</code> API,
 * available on WebSphere 5.1 and higher.
 *
 * Exposes the <code>MBeanServer</code> for bean references.
 * This FactoryBean is a direct alternative to {@link MBeanServerFactoryBean},
 * which uses standard JMX 1.2 API to access the platform's MBeanServer.
 *
 * @author Juergen Hoeller
 * @author Rob Harrop
 *
 * @see com.ibm.websphere.management.AdminServiceFactory#getMBeanFactory()
 * @see com.ibm.websphere.management.MBeanFactory#getMBeanServer()
 * @see javax.management.MBeanServer
 * @see MBeanServerFactoryBean
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1.1168 javolution 5.5.1
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/**
 * Interface for an element's attribute specifications.
 *
 * <blockquote>
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 * See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
 * for further information.
 * </blockquote>
 *
 * This is the original SAX1 interface for reporting an element's
 * attributes. Unlike the new [@link org.xml.sax.Attributes Attributes]
 * interface, it does not support Namespace-related information.</p>
 *
 * When an attribute list is supplied as part of a
 * [@link org.xml.sax.DocumentHandler#startElement startElement]
 * event, the list will return valid results only during the
 * scope of the event; once the event handler returns control
 * to the parser, the attribute list is invalid. To save a
 * persistent copy of the attribute list, use the SAX1 AttributeListImpl
 * helper class.</p>
An attribute list includes only attributes that have been specified or defaulted: #IMPLIED attributes will not be included.

There are two ways for the SAX application to obtain information from the AttributeList. First, it can iterate through the entire list:

```
public void startElement (String name, AttributeList atts) {
    for (int i = 0; i < atts.getLength(); i++) {
        String name = atts.getName(i);
        String type = atts.getType(i);
        String value = atts.getValue(i);
        [...]
    }
}
```

(Note that the result of getLength() will be zero if there are no attributes.)

As an alternative, the application can request the value or type of specific attributes:

```
public void startElement (String name, AttributeList atts) {
    String identifier = atts.getValue("id");
    String label = atts.getValue("label");
    [...]
}
```

@since SAX 1.0
@author David Megginson
@version 2.0.1 (sax2r2)

---

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/AttributeList.java

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 * Receive notification of general document events.
 *
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 */
This was the main event-handling interface for SAX1; in SAX2, it has been replaced by `ContentHandler`, which provides Namespace support and reporting of skipped entities. This interface is included in SAX2 only to support legacy SAX1 applications.

The order of events in this interface is very important, and mirrors the order of information in the document itself. For example, all of an element's content (character data, processing instructions, and/or subelements) will appear, in order, between the `startElement` event and the corresponding `endElement` event.

Application writers who do not want to implement the entire interface can derive a class from `HandlerBase`, which implements the default functionality; parser writers can instantiate `HandlerBase` to obtain a default handler. The application can find the location of any document event using the `Locator` interface supplied by the Parser through the `setDocumentLocator` method.

Since SAX 1.0

@since SAX 1.0
@version 2.0.1 (sax2r2)

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If a SAX application needs to implement customized handling for external entities, it must implement this interface and
* register an instance with the SAX driver using the
* \{@link org.xml.sax.XMLReader#setEntityResolver setEntityResolver\}
* method.</p>
*
* &lt;p&gt;The XML reader will then allow the application to intercept any
* external entities (including the external DTD subset and external
* parameter entities, if any) before including them.&lt;/p&gt;
*
* &lt;p&gt;Many SAX applications will not need to implement this interface,
* but it will be especially useful for applications that build
* XML documents from databases or other specialised input sources,
* or for applications that use URI types other than URLs.&lt;/p&gt;
*
* &lt;p&gt;The following resolver would provide the application
* with a special character stream for the entity with the system
* identifier "http://www.myhost.com/today":&lt;/p&gt;
*
* &lt;pre&gt;
* import org.xml.sax.EntityResolver;
* import org.xml.sax.InputSource;
*
* public class MyResolver implements EntityResolver {
*   public InputSource resolveEntity (String publicId, String systemId)
*   {
*     if (systemId.equals("http://www.myhost.com/today")) {
*       // return a special input source
*       MyReader reader = new MyReader();
*       return new InputSource(reader);
*     } else {
*       // use the default behaviour
*       return null;
*     }
*   }
* }
* &lt;/pre&gt;
*
* &lt;p&gt;The application can also use this interface to redirect system
* identifiers to local URIs or to look up replacements in a catalog
* (possibly by using the public identifier).&lt;/p&gt;
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.XMLReader#setEntityResolver
* @see org.xml.sax.InputSource
*/

Found in path(s):
/**
 * Interface for associating a SAX event with a document location.
 *
 * <blockquote>
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 * See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
 * for further information.
 * </blockquote>
 *
 * If a SAX parser provides location information to the SAX
 * application, it does so by implementing this interface and then
 * passing an instance to the application using the content
 * handler's [link org.xml.sax.ContentHandler#setDocumentLocator
 * setDocumentLocator] method. The application can use the
 * object to obtain the location of any other SAX event
 * in the XML source document.
 *
 * Note that the results returned by the object will be valid only
 * during the scope of each callback method: the application
 * will receive unpredictable results if it attempts to use the
 * locator at any other time, or after parsing completes.
 *
 * SAX parsers are not required to supply a locator, but they are
 * very strongly encouraged to do so. If the parser supplies a
 * locator, it must do so before reporting any other document events.
 * If no locator has been set by the time the application receives
 * the [link org.xml.sax.ContentHandler#startDocument startDocument]
 * event, the application should assume that a locator is not
 * available.
 *
 * @since SAX 1.0
 * @author David Megginson
 * @version 2.0.1 (sax2r2)
 * @see org.xml.sax.ContentHandler#setDocumentLocator
 */

// NO WARRANTY! This class is in the Public Domain.
/**
 * Exception class for an unsupported operation.
 */
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An XMLReader will throw this exception when it recognizes a feature or property identifier, but cannot perform the requested operation (setting a state or value). Other SAX2 applications and extensions may use this class for similar purposes.

@since SAX 2.0
@since 2.0.1 (sax2r2)
@see org.xml.sax.SAXNotRecognizedException

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/SAXNotSupportedException.java

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* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/realtime/MemoryArea.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/realtime/RealtimeThread.java
jar/_templates/java/lang/NoSuchMethodException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javax/realtime/NoHeapRealtimeThread.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/lang/Readable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/lang/TypeNotPresentException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/io/Flushable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/nio/BufferUnderflowException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/stream/XMLInputFactory.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/List.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/nio/Buffer.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/IllegalFormatException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/UnsupportedOperationException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/io/DataOutput.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/FormatterClosedException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/zip/ZipEntry.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/lang/Iterable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/io/UTF8ByteBufferReader.java

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/**
 * Basic interface for SAX (Simple API for XML) parsers.
 *
 * <p>This module, both source code and documentation, is in the
 * Public Domain, and comes with <strong>NO WARRANTY</strong>. See
 * <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
 * for further information.</p>
 *
 * All SAX1 parsers must implement this basic interface: it allows
 * applications to register handlers for different types of events
 * and to initiate a parse from a URI, or a character stream.</p>
 *
 * All SAX1 parsers must also implement a zero-argument constructor
 * (though other constructors are also allowed).</p>
 *
 * SAX1 parsers are reusable but not re-entrant: the application
 * may reuse a parser object (possibly with a different input source)
 * once the first parse has completed successfully, but it may not
 * invoke the parse() methods recursively within a parse.</p>
 *
 * @deprecated This interface has been replaced by the SAX2
 * interface, which includes Namespace support.
 *
 * @since SAX 1.0
 *
 * @author David Megginson
 *
 * @version 2.0.1 (sax2r2)
 *
 * @see org.xml.sax.EntityResolver
 * @see org.xml.sax.DTDHandler
 * @see org.xml.sax.DocumentHandler
 * @see org.xml.sax.ErrorHandler
 * @see org.xml.sax.HandlerBase
 * @see org.xml.sax.InputSource
 */

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/PoolContext.java

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/**
 * Encapsulate an XML parse error or warning.
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 * </blockquote>
 *
 * This exception may include information for locating the error in the original XML document, as if it came from a Locator object. Note that although the application will receive a SAXParseException as the argument to the handlers in the ErrorHandler interface, the application is not actually required to throw the exception; instead, it can simply read the information in it and take a different action.</p>
 *
 * Since this exception is a subclass of SAXException, it inherits the ability to wrap another exception.</p>
 *
 * @since SAX 1.0
 * @author David Megginson
 * @version 2.0.1 (sax2r2)
 * @see org.xml.sax.SAXException
 * @see org.xml.sax.Locator
 * @see org.xml.sax.ErrorHandler
 */

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2.jar/org/xml/sax/SAXParseException.java

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/**
 * Interface for an XML filter.
 *
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 * </blockquote>
 *
An XML filter is like an XML reader, except that it obtains its events from another XML reader rather than a primary source like an XML document or database. Filters can modify a stream of events as they pass on to the final application.

The `XMLFilterImpl` helper class provides a convenient base for creating SAX2 filters, by passing on all `{@link org.xml.sax.EntityResolver EntityResolver}`, `{@link org.xml.sax.DTDHandler DTDHandler}`, `{@link org.xml.sax.ContentHandler ContentHandler}` and `{@link org.xml.sax.ErrorHandler ErrorHandler}` events automatically.

Since SAX 2.0

View source at https://javolution.org/
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/stream/Location.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/lang/Reusable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/ConcurrentException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/io/UTF8ByteBufferWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/PersistentContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/sax/ContentHandler.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLOutputFactory.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLStreamConstants.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/XMLReferenceResolver.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/sax/SAX2ReaderImpl.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLStreamConstants.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLObjectWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/ClassLoader.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/LocalContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLStreamReader.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLStreamReader.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLStreamConstants.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLStreamConstants.java

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/**
 * Receive notification of basic DTD-related events.
 *
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 * </blockquote>

 * If a SAX application needs information about notations and unparsed entities, then the application implements this interface and registers an instance with the SAX parser using the parser's setDTDHandler method. The parser uses the instance to report notation and unparsed entity declarations to the application.

 * Note that this interface includes only those DTD events that the XML recommendation requires processors to report: notation and unparsed entity declarations.

 * The SAX parser may report these events in any order, regardless of the order in which the notations and unparsed entities were declared; however, all DTD events must be reported after the document handler's startDocument event, and before the first startElement event.

 * (If the LexicalHandler is used, these events must also be reported before the endDTD event.)

 * It is up to the application to store the information for future use (perhaps in a hash table or object tree).

 * If the application encounters attributes of type "NOTATION", "ENTITY", or "ENTITIES", it can use the information that it obtained through this interface to find the entity and/or notation corresponding with the attribute value.

*/
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* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/FastBitSet.java
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* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/text/Cursor.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/text/Cursor.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/testing/JUnitContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/testing/JUnitContext.java
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/**
* Interface for a list of XML attributes.
*
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This interface allows access to a list of attributes in three different ways:

- by attribute index;
- by Namespace-qualified name; or
- by qualified (prefixed) name.

The list will not contain attributes that were declared #IMPLIED but not specified in the start tag. It will also not contain attributes used as Namespace declarations (xmlns*) unless the feature is set to true (it is false by default).

Because SAX2 conforms to the original "Namespaces in XML" recommendation, it normally does not give namespace declaration attributes a namespace URI.

Some SAX2 parsers may support using an optional feature flag (to request that those attributes be given URIs, conforming to a later backwards-incompatible revision of that recommendation. (The attribute's "local name" will be the prefix, or "xmlns" when defining a default element namespace.) For portability, handler code should always resolve that conflict, rather than requiring parsers that can change the setting of that feature flag.

If the namespace-prefixes feature (see above) is false, access by qualified name may not be available; if the feature is false, access by Namespace-qualified names may not be available.

This interface replaces the now-deprecated SAX1 AttributeList interface, which does not contain Namespace support. In addition to Namespace support, it adds the getIndex methods (below).

The order of attributes in the list is unspecified, and will
Encapsulate a general SAX error or warning.

* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
*/

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

This class can contain basic error or warning information from either the XML parser or the application: a parser writer or application writer can subclass it to provide additional functionality. SAX handlers may throw this exception or any exception subclassed from it.

If the application needs to pass through other types of exceptions, it must wrap those exceptions in a SAXException or an exception derived from a SAXException.

If the parser or application needs to include information about a specific location in an XML document, it should use the SAXParseException subclass.

@since SAX 1.0
@author David Megginson
@version 2.0.1 (sax2r2)
@see org.xml.sax.SAXParseException
*/

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// NO WARRANTY! This class is in the Public Domain.
/**
* Interface for reading an XML document using callbacks.
This module, both source code and documentation, is in the Public Domain, and comes with NO WARRANTY. See http://www.saxproject.org for further information.

Note: despite its name, this interface does not extend the standard Java Reader interface, because reading XML is a fundamentally different activity than reading character data.

XMLReader is the interface that an XML parser's SAX2 driver must implement. This interface allows an application to set and query features and properties in the parser, to register event handlers for document processing, and to initiate a document parse.

All SAX interfaces are assumed to be synchronous: the {@link #parse parse} methods must not return until parsing is complete, and readers must wait for an event-handler callback to return before reporting the next event.

This interface replaces the (now deprecated) SAX 1.0 [@link org.xml.sax.Parser Parser] interface. The XMLReader interface contains two important enhancements over the old Parser interface (as well as some minor ones):

- it adds a standard way to query and set features and properties; and
- it adds Namespace support, which is required for many higher-level XML standards.

There are adapters available to convert a SAX1 Parser to a SAX2 XMLReader and vice-versa.

@since SAX 2.0
@author David Megginson
@version 2.0.1+ (sax2r3pre1)
@see org.xml.sax.XMLFilter
/

Found in path(s):
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/XMLReader.java
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* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar_templates/javolution/lang/MathLib.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/MathLib.java

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

/**
* Default base class for handlers.
* 
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.
* </blockquote>
* 
* <p>This class implements the default behaviour for four SAX1
* interfaces: EntityResolver, DTDHandler, DocumentHandler,
* and ErrorHandler. It is now obsolete, but is included in SAX2 to
* support legacy SAX1 applications. SAX2 applications should use
* the DefaultHandler class instead.</p>
* 
* <p>Application writers can extend this class when they need to
* implement only part of an interface; parser writers can
* instantiate this class to provide default handlers when the
* application has not supplied its own.</p>
* 
* <p>Note that the use of this class is optional.</p>
* 
* @deprecated This class works with the deprecated DocumentHandler
* interface. It has been replaced by the SAX2 DefaultHandler
* class.
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.DocumentHandler
* @see org.xml.sax.ErrorHandler
*/

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/HandlerBase.java
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/**
* Basic interface for SAX error handlers.
* 
* <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>If a SAX application needs to implement customized error
* handling, it must implement this interface and then register an
* instance with the XML reader using the
* @link org.xml.sax.XMLReader#setErrorHandler setErrorHandler
* method. The parser will then report all errors and warnings
* through this interface.</p>
* 
* <p><strong>WARNING:</strong> If an application does <em>not</em> register an
* ErrorHandler, XML parsing errors will go unreported,
* except that <em>SAXParseException</em>s will be thrown for fatal errors.
* In order to detect validity errors, an ErrorHandler that does something
* with { @link #error error()} calls must be registered.</p>
*
* <p>For XML processing errors, a SAX driver must use this interface
* in preference to throwing an exception: it is up to the application
* to decide whether to throw an exception for different types of
* errors and warnings. Note, however, that there is no requirement that
* the parser continue to report additional errors after a call to
* { @link #fatalError fatalError }. In other words, a SAX driver class
* may throw an exception after reporting any fatalError.
* Also parsers may throw appropriate exceptions for non-XML errors.
* For example, { @link XMLReader#parse XMLReader.parse()} would throw
* an IOException for errors accessing entities or the document.</p>
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1+ (sax2r3pre1)
* @see org.xml.sax.XMLReader#setErrorHandler
* @see org.xml.sax.SAXParseException
*/

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2.jar/org/xml/sax/ErrorHandler.java

// NO WARRANTY! This class is in the Public Domain.
/**
 * Exception class for an unrecognized identifier.
 *
 * <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.
 * </em></blockquote>
 *
 * <p>An XMLReader will throw this exception when it finds an
 * unrecognized feature or property identifier; SAX applications and
 * extensions may use this class for other, similar purposes.</p>
 *
 * @since SAX 2.0
 * @author David Megginson
 * @version 2.0.1 (sax2r2)
 * @see org.xml.sax.SAXNotSupportedException
*/

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/org/xml/sax/SAXNoRecognizedException.java
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/**
 * A single input source for an XML entity.
 *
 * <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>
 *
 * This class allows a SAX application to encapsulate information
 * about an input source in a single object, which may include
 * a public identifier, a system identifier, a byte stream (possibly
 * with a specified encoding), and/or a character stream.
 *
 * There are two places that the application can deliver an
 * input source to the parser: as the argument to the Parser.parse
 * method, or as the return value of the EntityResolver.resolveEntity
 * method.
 *
 * The SAX parser will use the InputSource object to determine how
 * to read XML input. If there is a character stream available, the
 * parser will read that stream directly, disregarding any text
 * encoding declaration found in that stream.
 * If there is no character stream, but there is
 * a byte stream, the parser will use that byte stream, using the
 * encoding specified in the InputSource or else (if no encoding is
 * specified) autodetecting the character encoding using an algorithm
 * such as the one in the XML specification. If neither a character
 * stream nor a
 * byte stream is available, the parser will attempt to open a URI
 * connection to the resource identified by the system
 * identifier.
 *
 * An InputSource object belongs to the application: the SAX parser
 * shall never modify it in any way (it may modify a copy if
 * necessary). However, standard processing of both byte and
 * character streams is to close them on as part of end-of-parse cleanup,
 * so applications should not attempt to re-use such streams after they
 * have been handed to a parser.
 *
 * @since SAX 1.0
 * @author David Megginson
 * @version 2.0.1 (sax2r2)
 * @see org.xml.sax.XMLReader#parse(org.xml.sax.InputSource)
@see org.xml.sax.EntityResolver#resolveEntity

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/InputSource.java

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// NO WARRANTY! This class is in the public domain.
/**
 * Receive notification of the logical content of a document.
 *
 * <blockquote>
 * 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>
 *
 * This is the main interface that most SAX applications
 * implement: if the application needs to be informed of basic parsing
 * events, it implements this interface and registers an instance with
 * the SAX parser using the { @link org.xml.sax.XMLReader#setContentHandler
 * setContentTypeHandler} method. The parser uses the instance to report
 * basic document-related events like the start and end of elements
 * and character data.</p>
 *
 * The order of events in this interface is very important, and
 * mirrors the order of information in the document itself. For
 * example, all of an element's content (character data, processing
 * instructions, and/or subelements) will appear, in order, between
 * the startElement event and the corresponding endElement event.</p>
 *
 * This interface is similar to the now-deprecated SAX 1.0
 * DocumentHandler interface, but it adds support for Namespaces
 * and for reporting skipped entities (in non-validating XML
 * processors).</p>
 *
 * Implementors should note that there is also a
 * <code>ContentHandler</code> class in the <code>java.net</code>
 * package; that means that it's probably a bad idea to do</p>
 *
 * In fact, "import ..." is usually a sign of sloppy programming
 * anyway, so the user should consider this a feature rather than a
 * bug.</p>
Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/ContentHandler.java

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*/
1.1169 rtmpdump 2.4+20151223.gitfa8646d-1ubuntu0.1

1.1169.1 Available under 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.

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

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

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of these things:

a) Accompany the work with the complete corresponding
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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
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to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
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which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
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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
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facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
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a) Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.

b) Give prominent notice with the combined library of the fact
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SLF4J library (slf4j-api-*-jar)

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1.1173 libnl3 3.2.27 1ubuntu0.16.04.1

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1.1175 bsdmainutils 9.0.6ubuntu3
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This package was originally put together by Austin Donnelly <and1000@debian.org>, but is heavily based on bsdutils, originally put together by Ian Murdock <imurdock@gnu.ai.mit.edu>. Please report any problems or suggested additions or changes to Austin Donnelly.

Then the package has been maintained by Charles Briscoe-Smith <cpbs@debian.org>. I gathered data for the 1999-2001 calendar files from various sources on the Internet, and I'd also like to thank Oliver Elphick, Julian Gilbey, Daniel Martin and Jaldhar H. Vyas for providing much useful data on the various religious calendars. I have edited the files they provided to fit calendar's requirements, so any errors should be attributed to me.

After cpbs@debian.org, Marco d'Itri <md@linux.it> maintained it for almost two years, before Tollef Fog Heen <ttheen@debian.org> took over. The package is now maintained by Graham Wilson <bob@decoy.wox.org>.

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pkgname=perl-software-license
_pkgreal=Software-License
pkgver=0.103004
pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends=""
depends="$_cpandepends"
makedepends="perl-dev $_pandepends"
subpackages="$_pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/_pkgreal-$pkgver.tar.gz"

__builddir="$srcdir/$_pkgreal-$pkgver"

prepare() {
    cd "$__builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$__builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    make && make test
}

package() {
    cd "$__builddir"
    make DESTDIR="$_pkgdir" install || return 1
    find "$_pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

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# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/
arch="all"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"
_builddir="$srcdir"/libart_lgpl-$pkgver

prepare() {
cd "$_builddir"
update_config_sub || return 1
}
build() {
cd "$_builddir"
./configure \
--build=$CBUILD \n--host=$CHOST \n--prefix=/usr \n|| return 1
make || return 1
}
package() {
cd "$_builddir"
make DESTDIR="$pkgdir" install || return 1
rm "$pkgdir"/usr/lib/*.la
}
md5sums="08559ff3c67fd95d57b0ce91a6b4302  libart_lgpl-2.3.21.tar.bz2"

1.1181 tcp-dump 4.9.3 0ubuntu0.16.04.1
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 */

/**
 * A decoder that splits the received ByteBufs dynamically by the
 * value of the length field in the message. It is particularly useful when you
 * decode a binary message which has an integer header field that represents the
 * length of the message body or the whole message.
 *
 * \[/@code LengthFieldBasedFrameDecoder\] has many configuration parameters so
 * that it can decode any message with a length field, which is often seen in
 * proprietary client-server protocols. Here are some example that will give
 * you the basic idea on which option does what.
 *
 * 2 bytes length field at offset 0, do not strip header
 *
 * The value of the length field in this example is 12 (0x0C) which
 * represents the length of "HELLO, WORLD". By default, the decoder assumes
 * that the length field represents the number of the bytes that follows the
 * length field. Therefore, it can be decoded with the simplistic parameter
 * combination.
 *
 * \[/@code lengthFieldOffset\] = 0
 * \[/@code lengthFieldLength\] = 2
 * lengthAdjustment = 0
 * initialBytesToStrip = 0 (= do not strip header)
 *
 * BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
 * +--------+----------------+----->+--------+----------------+
 * | Length | Actual Content |----->| Length | Actual Content |
Because we can get the length of the content by calling
[@link ByteBuf#readableBytes()], you might want to strip the length
field by specifying <tt>initialBytesToStrip</tt>. In this example, we
specified <tt>2</tt>, that is same with the length of the length field, to
strip the first two bytes.

```
lengthFieldOffset  = 0
lengthFieldLength  = 2
lengthAdjustment   = 0
initialBytesToStrip = 2
```

BEFORE DECODE (14 bytes)           AFTER DECODE (12 bytes)
```
+--------+----------------+      +----------------+
| Length | Actual Content |----->| Actual Content |
| 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
+--------+----------------+      +----------------+
```

Because the length value in this example message
is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
as <tt>lengthAdjustment</tt> for compensation.

```
lengthFieldOffset  = 0
lengthFieldLength  = 2
lengthAdjustment   = -2
initialBytesToStrip = 0
```

BEFORE DECODE (14 bytes)           AFTER DECODE (14 bytes)
```
+--------+----------------+      +--------+----------------+
| Length | Actual Content |----->| Length | Actual Content |
| 0x000C | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
+--------+----------------+      +--------+----------------+
```

In most cases, the length field represents the length of the message body
only, as shown in the previous examples. However, in some protocols, the
length field represents the length of the whole message, including the
message header. In such a case, we specify a non-zero
lengthAdjustment. Because the length value in this example message
is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
as <tt>lengthAdjustment</tt> for compensation.

```
lengthFieldOffset  = 0
lengthFieldLength  = 2
lengthAdjustment   = -2
initialBytesToStrip = 0
```

BEFORE DECODE (14 bytes)           AFTER DECODE (14 bytes)
```
+--------+----------------+      +--------+----------------+
| Length | Actual Content |----->| Length | Actual Content |
| 0x000C | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
+--------+----------------+      +--------+----------------+
```

<tt>3 bytes length field at the end of 5 bytes header, do not strip header</tt>
The following message is a simple variation of the first example. An extra
header value is prepended to the message. \texttt{lengthAdjustment} is zero
again because the decoder always takes the length of the prepended data into
account during frame length calculation.

\begin{verbatim}
\texttt{<b>lengthFieldOffset</b>}   = \texttt{2} (= the length of Header 1)
\texttt{<b>lengthFieldLength</b>}   = \texttt{3}
\texttt{lengthAdjustment}    = 0
\texttt{initialBytesToStrip} = 0

* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 | Length  | Actual Content |----->| Header 1 | Length  | Actual Content |
* | 0xCAFE   | 0x00000C | "HELLO, WORLD" |      | 0xCAFE   | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>

This is an advanced example that shows the case where there is an extra
header between the length field and the message body. You have to specify a
positive \texttt{lengthAdjustment} so that the decoder counts the extra
header into the frame length calculation.

\begin{verbatim}
\texttt{lengthFieldOffset}   = 0
\texttt{lengthFieldLength}   = 3
\texttt{lengthAdjustment}    = \texttt{2} (= the length of Header 1)
\texttt{initialBytesToStrip} = 0

* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Length  | Header 1 | Actual Content |----->| Length  | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE   | "HELLO, WORLD" |      | 0x00000C | 0xCAFE   | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>

This is a combination of all the examples above. There are the prepended
header before the length field and the extra header after the length field.
The prepended header affects the \texttt{lengthFieldOffset} and the extra
header affects the \texttt{lengthAdjustment}. We also specified a non-zero
\texttt{initialBytesToStrip} to strip the length field and the prepended
header from the frame. If you don't want to strip the prepended header, you
could specify \texttt{0} for \texttt{initialBytesToSkip}.

\begin{verbatim}
\end{verbatim}
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = 1 (<b,length of HDR2</b>)
* <b>initialBytesToStrip</b> = 3 (= the length of HDR1 + LEN)
* 
* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
| HDR1 | Length | HDR2 | Actual Content |    | HDR2 | Actual Content |
| 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |    | 0xFE | "HELLO, WORLD" |
* </pre>

* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field, the length field
* represents the length of the whole message</h3>

* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>. Please note that we don't need to take the length of HDR2 into account
* because the length field already includes the whole header length.
* 
* \[\begin{array}{c}
* \text{lengthFieldOffset} = 1 \\
* \text{lengthFieldLength} = 2 \\
* \text{lengthAdjustment} = -3 \text{ (= the length of HDR1 + LEN, negative)} \\
* \text{initialBytesToStrip} = 3
* \end{array}\]
* 
* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
| HDR1 | Length | HDR2 | Actual Content |    | HDR2 | Actual Content |
| 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |    | 0xFE | "HELLO, WORLD" |
* </pre>

* @see LengthFieldPrepender
*/

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 * Enumeration of supported Base64 dialects.
 * <p>
 * The internal lookup tables in this class has been derived from
 * <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain</a>
 * Base64 Encoder/Decoder</a>.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1070948359_1594799504.09/0/netty-codec-4.1.25-final-sources-jar/io/netty/handler/codec/base64/Base64Dialect.java
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* /opt/ws_local/PERMITS_SQL/1070948359_1594799504.09/0/netty-codec-4-1-25-final-sources-
jar/io/netty/handler/codec/DefaultHeaders.java
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* /opt/ws_local/PERMITS_SQL/1070948359_1594799504.09/0/netty-codec-4-1-25-final-sources-
jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/ws_local/PERMITS_SQL/1070948359_1594799504.09/0/netty-codec-4-1-25-final-sources-
jar/io/netty/handler/codec/DatagramPacketDecoder.java
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jar/io/netty/handler/codec/CodecOutputList.java
* /opt/ws_local/PERMITS_SQL/1070948359_1594799504.09/0/netty-codec-4-1-25-final-sources-
jar/io/netty/handler/codec/compression/ByteBufChecksum.java
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jar/io/netty/handler/codec/DateFormatter.java
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jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/ws_local/PERMITS_SQL/1070948359_1594799504.09/0/netty-codec-4-1-25-final-sources-
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 */

/**
 * Utility class for {@link ByteBuf} that encodes and decodes to and from
 * <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
 *
 * The encoding and decoding algorithm in this class has been derived from
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 */

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* /opt/ws_local/PERMITS_SQL/1070948359_1594799504.09/0/netty-codec-4.1.25-final-sources-jar/io/netty/handler/codec/base64/Base64.java

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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
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org.apache.taglibs:taglibs-standard-spec
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org.apache.tomcat:tomcat-jsp-api
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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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1.1195 eclipse-core-variables

3.2.400.v20100505

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jar/javax/validation/metadata/PropertyDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar
jar/javax/validation/ConstraintValidator.java
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jar/validation/executable/ExecutableType.java
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jar/validation/constraints/AssertFalse.java
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jar/validation/Payload.java
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jar/validation/constraints/DecimalMin.java
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Appendix: How to Apply These Terms to Your New Programs

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

<one line to give the program's name and a brief idea of what it does.>
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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.
Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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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.

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

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must
be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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

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

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

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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.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the 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.

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Appendix: How to Apply These Terms to Your New Libraries

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1.1204 libcap-ng 0.7.7 1
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Source Package: xorg
Debian/Ubuntu package authors: Branden Robinson, Fabio M. Di Nitto, Daniel Stone and others

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package cmd

import "strings"

var Licenses map[string]License

// License type struct
    type License struct {
        Name     string  // The type of license in use
        PossibleMatches []string // Similar names to guess
        Text      string  // License text data
        Header    string  // License header for source files
    }

    // given a license name (in), try to match the license indicated
    func matchLicense(in string) string {
        for key, lic := range Licenses {
            for _, match := range lic.PossibleMatches {
                if strings.EqualFold(in, match) {
                    return key
                }
            }
        }
        return ""
func init() {
Licenses = make(map[string]License)

Licenses["apache"] = License{
    Name: "Apache 2.0",
    PossibleMatches: []string{"apache", "apache20", "apache 2.0", "apache2.0", "apache-2.0"},
    Header: `// Licensed under the Apache License, Version 2.0 (the "License");
    // you may not use this file except in compliance with the License.
    // You may obtain a copy of the License at
    // http://www.apache.org/licenses/LICENSE-2.0
    // Unless required by applicable law or agreed to in writing, software
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```
```

Licenses["mit"] = License{
Name: "Mit",
PossibleMatches: []string{"mit"},
Header: `The MIT License (MIT)`

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// PossibleMatches: []string{"apache", "apache20", ""},
//   Header: `
// `,
//   Text: `
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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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#
# check if a file has the proper license in it
#
# USAGE: check-license.py [-C] file1 file2 ... fileN
#
# A 'file' may in fact be a directory, in which case it is recursively
# searched.
#
# If the license cannot be found, then the filename is printed to stdout.
# Typical usage:
#  $ check-license.py .  > bad-files
#
# -C switch is used to change licenses.
# Typical usage:
#  $ check-license.py -C file1 file2 ... fileN
#

import sys, os, re

# Note: Right now, OLD_LICENSE and NEW_LICENSE are the same, because
# #878444 updated all the license blocks. In the future, if we update
# # the license block again, change just NEW_LICENSE and use this script.

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* ====================================================================
'''

SH_NEW_LICENSE = re.subn(r'(?m)^\*', '#', NEW_LICENSE)[0]

re_OLD = re.compile(OLD_LICENSE)
re_SH_OLD = re.compile(SH_OLD_LICENSE)
re_EXCLUDE = re.compile(automatically generated by SWIG' + r'|Generated from configure.in' + r'|placed into the public domain' )

c_comment_suffices = ('.c', '.java', '.h', '.cpp', '.hw', '.pas')

# Yes, this is an empty tuple. No types that fit in this category uniformly
# have a copyright block.
# Possible types to add here:
# ('.bat', '.py', '.pl', '.in')
sh_comment_suffices = ()

def check_file(fname, old_re, new_lic):
    s = open(fname).read()
    if (not old_re.search(s)
        and not re_EXCLUDE.search(s)):
        print(fname)

def change_license(fname, old_re, new_lic):
s = open(fname).read()
if not m:
    print('ERROR: missing old license: %s' % fname)
else:
    s = s[:m.start()] + new_lic + s[m.end():]
    open(fname, 'w').write(s)
    print('Changed: %s' % fname)

def visit(baton, dirname, dircontents):
    file_func = baton
    for i in dircontents:
        # Don't recurse into certain directories
        if i in ('.svn', '.libs'):
            dircontents.remove(i)
            continue
        extension = os.path.splitext(i)[1]
        fullname = os.path.join(dirname, i)
        if os.path.isdir(fullname):
            continue
        if extension in c_comment_suffices:
            file_func(fullname, re_OLD, NEW_LICENSE)
        elif extension in sh_comment_suffices:
            file_func(fullname, re_SH_OLD, SH_NEW_LICENSE)

def main():
    file_func = check_file
    if sys.argv[1] == '-C':
        print('Changing license text...
        del sys.argv[1]
        file_func = change_license
        for f in sys.argv[1:]:
            if os.path.isdir(f):
                baton = file_func
                for dirpath, dirs, files in os.walk(f):
                    visit(baton, dirpath, dirs + files)
            else:
                baton = file_func
                dir, i = os.path.split(f)
                visit(baton, dir, i)
        if __name__ == '__main__':
            main()
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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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* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4.jar/org/springframework/beans/factory/support/SimpleInstantiationStrategy.java
* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4.jar/org/springframework/beans/factory/support/MethodOverrides.java
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* /opt/cola/permits/1075319433_1604573721.5/0/spring-instrument-3-0-6-release-sources-jar/org/springframework/instrument/InstrumentationSavingAgent.java

1.1227 xz 5.1.1alpha+20120614 2ubuntu2
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=head1 NAME

Error - Error/exception handling in an OO-ish way

=head1 SYNOPSIS

use Error qw(:try);

throw Error::Simple( "A simple error");
sub xyz {
    ...
    record Error::Simple("A simple error")
    and return;
}
unlink($file) or throw Error::Simple("$file: $!",$!);

try {
do_some_stuff();
die "error!" if $condition;
throw Error::Simple "Oops!" if $other_condition;
} catch Error::IO with {
    my $E = shift;
    print STDERR "File 
my $E = shift;
print STDERR "File 
except {
    print STDERR "File 
my $general_handler=member { send_message $E->{-description}};
return {
    UserException1 => $general_handler,
    UserException2 => $general_handler
}:
} otherwise {
    print STDERR "Well I don't know what to say\n";
} finally {
close_the_garage_door_already(); # Should be reliable
} # Don't forget the trailing ; or you might be surprised
=head1 DESCRIPTION

The C<Error> package provides two interfaces. Firstly C<Error> provides a procedural interface to exception handling. Secondly C<Error> is a base class for errors/exceptions that can either be thrown, for subsequent catch, or can simply be recorded.

Errors in the class C<Error> should not be thrown directly, but the user should throw errors from a sub-class of C<Error>.

=head1 PROCEDURAL INTERFACE

C<Error> exports subroutines to perform exception handling. These will be exported if the C<:try> tag is used in the C<use> line.
=item try BLOCK CLAUSES

C<try> is the main subroutine called by the user. All other subroutines exported are clauses to the try subroutine.

The BLOCK will be evaluated and, if no error is throw, try will return the result of the block.

C<CLAUSES> are the subroutines below, which describe what to do in the event of an error being thrown within BLOCK.

=item catch CLASS with BLOCK

This clauses will cause all errors that satisfy C<$err-E<gt>isa(CLASS)> to be caught and handled by evaluating C<BLOCK>.

C<BLOCK> will be passed two arguments. The first will be the error being thrown. The second is a reference to a scalar variable. If this variable is set by the catch block then, on return from the catch block, try will continue processing as if the catch block was never found. The error will also be available in C<$@>.

To propagate the error the catch block may call C<$err-E<gt>throw>

If the scalar reference by the second argument is not set, and the error is not thrown. Then the current try block will return with the result from the catch block.

=item except BLOCK

When C<try> is looking for a handler, if an except clause is found C<BLOCK> is evaluated. The return value from this block should be a HASHREF or a list of key-value pairs, where the keys are class names and the values are CODE references for the handler of errors of that type.

=item otherwise BLOCK

Catch any error by executing the code in C<BLOCK>

When evaluated C<BLOCK> will be passed one argument, which will be the error being processed. The error will also be available in C<$@>.

Only one otherwise block may be specified per try block

=item finally BLOCK
Execute the code in `C<BLOCK>` either after the code in the try block has successfully completed, or if the try block throws an error then `C<BLOCK>` will be executed after the handler has completed.

If the handler throws an error then the error will be caught, the finally block will be executed and the error will be re-thrown.

Only one finally block may be specified per try block.

=head1 CLASS INTERFACE

=head2 CONSTRUCTORS

The `C<Error>` object is implemented as a HASH. This HASH is initialized with the arguments that are passed to it's constructor. The elements that are used by, or are retrievable by the `C<Error>` class are listed below, other classes may add to these.

- `file`
- `line`
- `text`
- `value`
- `object`

If `C<-file>` or `C<-line>` are not specified in the constructor arguments then these will be initialized with the file name and line number where the constructor was called from.

If the error is associated with an object then the object should be passed as the `C<-object>` argument. This will allow the `C<Error>` package to associate the error with the object.

The `C<Error>` package remembers the last error created, and also the last error associated with a package. This could either be the last error created by a sub in that package, or the last error which passed an object blessed into that package as the `C<-object>` argument.

=item Error->new()

See the Error::Simple documentation.

=item throw ( [ ARG5 ] )
Create a new C<Error> object and throw an error, which will be caught by a surrounding C<try> block, if there is one. Otherwise it will cause the program to exit.

C<throw> may also be called on an existing error to re-throw it.

=item with ( [ ARGS ] )

Create a new C<Error> object and returns it. This is defined for syntactic sugar, eg

    die with Some::Error ( ... );

=item record ( [ ARGS ] )

Create a new C<Error> object and returns it. This is defined for syntactic sugar, eg

    record Some::Error ( ... )
and return;

=back

=head2 STATIC METHODS

=over 4

=item prior ( [ PACKAGE ] )

Return the last error created, or the last error associated with C<PACKAGE>

=item flush ( [ PACKAGE ] )

Flush the last error created, or the last error associated with C<PACKAGE>. It is necessary to clear the error stack before exiting the package or uncaught errors generated using C<record> will be reported.

    $Error->flush;

=cut

=back

=head2 OBJECT METHODS

=over 4
If the variable `C<$Error::Debug>` was non-zero when the error was created, then `C<stacktrace>` returns a string created by calling `C<Carp::longmess>`. If the variable was zero the `C<stacktrace>` returns the text of the error appended with the filename and line number of where the error was created, providing the text does not end with a newline.

The object this error was associated with

The file where the constructor of this error was called from

The line where the constructor of this error was called from

The text of the error

Associates an error with an object to allow error propagation. I.e:

```perl
$ber->encode(...) or return Error->prior($ber)->associate($ldap);
```

A method that converts the object into a string. This method may simply return the same as the `C<text>` method, or it may append more information. For example the file name and line number.

By default this method returns the `C<text>` argument that was passed to the constructor, or the string `C"Died"` if none was given.

A method that converts the object into a string. This method may simply return the same as the `C<text>` method, or it may append more information. For example the file name and line number.

By default this method returns the `C<text>` argument that was passed to the constructor, or the string `C"Died"` if none was given.

The object this error was associated with

The file where the constructor of this error was called from

The line where the constructor of this error was called from

The text of the error

Associates an error with an object to allow error propagation. I.e:

```perl
$ber->encode(...) or return Error->prior($ber)->associate($ldap);
```

A method that converts the object into a string. This method may simply return the same as the `C<text>` method, or it may append more information. For example the file name and line number.

By default this method returns the `C<text>` argument that was passed to the constructor, or the string `C"Died"` if none was given.
A method that will return a value that can be associated with the error. For example if an error was created due to the failure of a system call, then this may return the numeric value of C<$!> at the time.

By default this method returns the C<$value> argument that was passed to the constructor.

=head1 PRE-DEFINED ERROR CLASSES

=head2 Error::Simple

This class can be used to hold simple error strings and values. It's constructor takes two arguments. The first is a text value, the second is a numeric value. These values are what will be returned by the overload methods.

If the text value ends with C<at file line 1> as @ strings do, then this information will be used to set the C<$file> and C<$line> arguments of the error object.

This class is used internally if an eval'd block die's with an error that is a plain string. (Unless C<$Error::ObjectifyCallback> is modified)

=head1 $Error::ObjectifyCallback

This variable holds a reference to a subroutine that converts errors that are plain strings to objects. It is used by Error.pm to convert textual errors to objects, and can be overridden by the user.

It accepts a single argument which is a hash reference to named parameters. Currently the only named parameter passed is C<$text> which is the text of the error, but others may be available in the future.

For example the following code will cause Error.pm to throw objects of the class MyError::Bar by default:

```perl
sub throw_MyError_Bar
{
    my $args = shift;
    my $err = MyError::Bar->new();
    $err->{'MyBarText'} = $args->{'text'};
    return $err;
}
```
{ local $Error::ObjectifyCallback = \&throw_MyError_Bar;

    # Error handling here.
}

cut

=head1 MESSAGE HANDLERS

C<Error> also provides handlers to extend the output of the C<warn()> perl function, and to handle the printing of a thrown C<Error> that is not caught or otherwise handled. These are not installed by default, but are requested using the C<warndie> tag in the C<use> line.

use Error qw( :warndie );

These new error handlers are installed in C<$SIG{__WARN__}> and C<$SIG{__DIE__}>. If these handlers are already defined when the tag is imported, the old values are stored, and used during the new code. Thus, to arrange for custom handling of warnings and errors, you will need to perform something like the following:

BEGIN {
    $SIG{__WARN__} = sub {
        print STDERR "My special warning handler: $_[0]"
    };
}

use Error qw( :warndie );

Note that setting C<$SIG{__WARN__}> after the C<warndie> tag has been imported will overwrite the handler that C<Error> provides. If this cannot be avoided, then the tag can be explicitly C<import>ed later

use Error;

$SIG{__WARN__} = ...;

import Error qw( :warndie );

=head2 EXAMPLE

The C<__DIE__> handler turns messages such as

Can't call method "foo" on an undefined value at examples/warndie.pl line 16.
Unhandled perl error caught at toplevel:

Can't call method "foo" on an undefined value

Thrown from: examples/warndie.pl:16

Full stack trace:

    main::inner('undef') called at examples/warndie.pl line 20
    main::outer('undef') called at examples/warndie.pl line 23

=head1 KNOWN BUGS

None, but that does not mean there are not any.

=head1 AUTHORS

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The code that inspired me to write this was originally written by Peter Seibel <peter@weblogic.com> and adapted by Jesse Glick <jglick@sig.bsh.com>.

C<warndie> handlers added by Paul Evans <leonerd@leonerd.org.uk>

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=cut

Found in path(s):
* /opt/cola/permits/1136205531_1613708300.63/0/liberror-perl-0-17-orig-1-tar-gz/Error-0.17010/lib/Error.pm
No license file was found, but licenses were detected in source scan.

---

name: Error
version: 0.17010
author:
- 'Graham Barr <gbarr@pobox.com>'
abstract: Error/exception handling in an OO-ish way
license: perl
resources:
  license: http://dev.perl.org/licenses/
requires:
  Scalar::Util: 0
provides:
  Error:
    file: lib/Error.pm
    version: 0.17010
  Error::Simple:
    file: lib/Error.pm
  Error::WarnDie:
    file: lib/Error.pm
  Error::subs:
    file: lib/Error.pm
generated_by: Module::Build version 0.2805
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.2.html
  version: 1.2

Found in path(s):
* /opt/cola/permits/1136205531_1613708300.63/0/liberror-perl-0-17-orig-1-tar-gz/Error-0.17010/META.yml

1.1238 jmxterm 1.0-alpha-4

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# Perks for Go (golang.org)

Perks contains the Go package quantile that computes approximate quantiles over an unbounded data stream within low memory and CPU bounds.

For more information and examples, see:
http://godoc.org/github.com/bmizerany/perks
A very special thank you and shout out to Graham Cormode (Rutgers University), Flip Korn (AT&T Labs-Research), S. Muthukrishnan (Rutgers University), and Divesh Srivastava (AT&T Labs-Research) for their research and publication of [Effective Computation of Biased Quantiles over Data Streams](http://www.cs.rutgers.edu/~muthu/bquant.pdf)

Thank you, also:
* Armon Dadgar (@armon)
* Andrew Gerrand (@nf)
* Brad Fitzpatrick (@bradfitz)
* Keith Rarick (@kr)

FAQ:

Q: Why not move the quantile package into the project root?
A: I want to add more packages to perks later.

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* /opt/ws_local/PERMITS_SQL/1021387032_1595526286.77/0/golang-github-beorn7-perks-0-0-git20150223-0-b965b61-orig-tar-xz/perks/README.md

1.1244 mpdecimal 2.4.2 1

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jar/org/codehaus/stax2/ri/typed/Base64DecoderBase.java
* /opt/cola/permits/1129090477_1612176217.670/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/ri/typed/CharArrayBase64Decoder.java
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jar/org/codehaus/stax2/ri/typed/StringBase64Decoder.java
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* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/typed/Base64Variants.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/XMLStreamReader2.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-
jar/org/codehaus/stax2/typed/TypedXMLStreamReader.java

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1.1249 javax-el 3.0.0

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1.1261 zlib 1.2.11-r0

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------------------------------------------------------------------------------
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------------------------------------------------------------------------------

tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.
Version: 1.1.2
Entered-date: 23MAR97
Description: C-functions for parsing command line options, both
    traditional one-character options, and GNU'ish
    --long-options.
Keywords: programming, library, lib, commandline, options
Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)
Primary-site: http://www.ifi.uio.no/~sverrehu/pub-unix/
Alternate-site: sunsite.unc.edu /pub/Linux/libs
shhopt-1.1.2.tar.gz
Platforms: Requires ANSI C-compiler.
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/**
 * A token issued by {@link TokenService}.
 *
It is important that the keys assigned to tokens are sufficiently randomised and secured that they can serve as identifying a unique user session. Implementations of \[\text{TokenService}\] are free to use encryption or encoding strategies of their choice. It is strongly recommended that keys are of sufficient length to balance safety against persistence cost. In relation to persistence cost, it is strongly recommended that returned keys are small enough for encoding in a cookie.

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@since 2.0.1

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*/
/**
* Reviews the <code>Object</code> returned from a secure object invocation,
* being able to modify the <code>Object</code> or throw an {@link
* AccessDeniedException}.
*<p>
* Typically used to ensure the principal is permitted to access the domain
* object instance returned by a service layer bean. Can also be used to
* mutate the domain object instance so the principal is only able to access
* authorised bean properties or <code>Collection</code> elements.
*<p>
* Special consideration should be given to using an
* <code>AfterInvocationManager</code> on bean methods that modify a database.
* Typically an <code>AfterInvocationManager</code> is used with read-only
* methods, such as <code>public DomainObject getById(id)</code>. If used with
* methods that modify a database, a transaction manager should be used to
* ensure any <code>AccessDeniedException</code> will cause a rollback of the
* changes made by the transaction.
*</p>
* @author Ben Alex
*/

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*/
/**
* Implementation of the MD4 message digest derived from the RSA Data Security, Inc, MD4 Message-Digest
* Algorithm.
*
* @author Alan Stewart
*/

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/**
* @param authentication represents the user in question. Should not be null.
* @param targetDomainObject the domain object for which permissions should be checked. May be null
* in which case implementations should return false, as the null condition can be checked explicitly
* in the expression.
* @param permission a representation of the permission object as supplied by the expression system. Not null.
* @return true if the permission is granted, false otherwise
*/

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* /opt/cola/permits/1075319193_1612183898.03/0/spring-security-core-3-0-6-release-sources-2-jar/org/springframework/security/remoting/dns/DnsEntryNotFoundException.java
* /opt/cola/permits/1075319193_1612183898.03/0/spring-security-core-3-0-6-release-sources-2-jar/org/springframework/security/remoting/dns/InitialContextFactory.java
* /opt/cola/permits/1075319193_1612183898.03/0/spring-security-core-3-0-6-release-sources-2-jar/org/springframework/security/remoting/dns/DnsResolver.java
* /opt/cola/permits/1075319193_1612183898.03/0/spring-security-core-3-0-6-release-sources-2-jar/org/springframework/security/remoting/dns/JndiDnsResolver.java
* /opt/cola/permits/1075319193_1612183898.03/0/spring-security-core-3-0-6-release-sources-2-jar/org/springframework/security/remoting/dns/DnsLookupException.java

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Changes:
* added Debian GNU/Linux package maintenance system files
* at times, bug fixes awaiting inclusion in the upstream source

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m4/autobuild.m4

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src/dircolors.c

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

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

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

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

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.

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

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

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

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

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@heading TERMS AND CONDITIONS

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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.

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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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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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*  *

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1.1312 x-crypto 1.1.8

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1.1315 pyyaml 3.11-4

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1.1317 mobicents-diameter-mux-sar-jboss-5

1.5.0

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* 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.

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 */

/**
 * Returns an array containing all of the elements in this deque, in
 * proper sequence (from first to last element).
 *
 * <p>The returned array will be "safe" in that no references to it are
 * maintained by this deque. (In other words, this method must allocate
 * a new array). The caller is thus free to modify the returned array.
 *
 * <p>This method acts as bridge between array-based and collection-based
 * APIs.
 *
 * @return an array containing all of the elements in this deque
 */

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  jar/com/mongodb/connection/Cluster.java
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jar/org/bson/NoOpFieldNameValidator.java
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1.1322 jackson 1.9.13

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1.1323 bcel 2.7.2

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 */

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
*
* 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.

```java
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.
 */

```java
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.
 */

```java
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.
*/

```java
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/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.src

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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
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*/

/*
* $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()
{
}

/**
 * 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
*
compeleted, 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/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.src
No license file was found, but licenses were detected in source scan.
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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/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLProcessorVersion.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.java

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*/

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

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToHTMLStream.java
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 */

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

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/FunctionTable.java

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Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Encodings.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/XMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output_text.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTInfo.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output_xml.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xslt/compiler/Makefile.inc
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output_unknown.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/HTMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output_html.properties
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 * 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.utilErrorMsg;

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;
    _xsltc = 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) {
    _xsltc.setMultiDocument(flag);
}

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

public void setHasIdCall(boolean flag) {
    _xsltc.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
                        : _xsltc.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) ? _xslt.registerAttribute(name) :
        _xslt.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 :
            NodeTest.ELEMENT;
    }

    // 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) ? _xslt.registerAttribute(name) :
            _xslt.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;
}
(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 ErrorMessage(ErrorMessage.INTERNAL_ERR, "XPathParser.insertStep");
    return rlp;
}
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:exp SLASH RelativeLocationPath:rlp
{ :: RESULT = new FilterParentPath(fexp, rlp); :: }

FilterExpr:exp 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 'l.' from the end
  } else {
    RESULT =
      new ParentLocationPath((RelativeLocationPath) rlp, step);
  }
  :: }

| AbbreviatedRelativeLocationPath: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.DESCEMBERSELF, 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.DESCEMBERSELF, DOM.NO_TYPE, null);
    ParentLocationPath ppl = new ParentLocationPath(middle, right);
    RESULT = new ParentLocationPath(left, ppl);
}

AbbreviatedAbsoluteLocationPath ::= 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.DESCEMBERSELF, nodeType, null);
        RESULT = new AbsoluteLocationPath(parser.insertStep(step,
            (RelativeLocationPath) rlp));
    ;

Step ::= NodeTest:n test
    {:
        if (n test instanceof Step) {
            RESULT = (Step)n test;
        }
        else {
            RESULT = new Step(Axis.CHILD,
                parser.findNodeType(Axis.CHILD, n test),
                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);
}

<table>
<thead>
<tr>
<th>FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN</th>
</tr>
</thead>
<tbody>
<tr>
<td>:</td>
</tr>
<tr>
<td>if (parser.getQNameIgnoreDefaultNs(&quot;concat&quot;).equals(fname))</td>
</tr>
<tr>
<td>RESULT = new ConcatCall(fname, argl);</td>
</tr>
<tr>
<td>else if (parser.getQNameIgnoreDefaultNs(&quot;number&quot;).equals(fname))</td>
</tr>
<tr>
<td>RESULT = new NumberCall(fname, argl);</td>
</tr>
<tr>
<td>else if (parser.getQNameIgnoreDefaultNs(&quot;document&quot;).equals(fname))</td>
</tr>
<tr>
<td>parser.setMultiDocument(true);</td>
</tr>
<tr>
<td>RESULT = new DocumentCall(fname, argl);</td>
</tr>
<tr>
<td>else if (parser.getQNameIgnoreDefaultNs(&quot;string&quot;).equals(fname))</td>
</tr>
<tr>
<td>RESULT = new StringCall(fname, argl);</td>
</tr>
<tr>
<td>else if (parser.getQNameIgnoreDefaultNs(&quot;boolean&quot;).equals(fname))</td>
</tr>
<tr>
<td>RESULT = new BooleanCall(fname, argl);</td>
</tr>
<tr>
<td>else if (parser.getQNameIgnoreDefaultNs(&quot;name&quot;).equals(fname))</td>
</tr>
<tr>
<td>RESULT = new NameCall(fname, argl);</td>
</tr>
<tr>
<td>else if (parser.getQNameIgnoreDefaultNs(&quot;generate-id&quot;).equals(fname))</td>
</tr>
<tr>
<td>RESULT = new GenerateIdCall(fname, argl);</td>
</tr>
<tr>
<td>else if (parser.getQNameIgnoreDefaultNs(&quot;not&quot;).equals(fname))</td>
</tr>
<tr>
<td>RESULT = new NotCall(fname, argl);</td>
</tr>
<tr>
<td>else if (parser.getQNameIgnoreDefaultNs(&quot;format-number&quot;).equals(fname))</td>
</tr>
<tr>
<td>RESULT = new FormatNumberCall(fname, argl);</td>
</tr>
<tr>
<td>else if (parser.getQNameIgnoreDefaultNs(&quot;unparsed-entity-uri&quot;).equals(fname))</td>
</tr>
<tr>
<td>RESULT = new UnparsedEntityUriCall(fname, argl);</td>
</tr>
<tr>
<td>else if (parser.getQNameIgnoreDefaultNs(&quot;key&quot;).equals(fname))</td>
</tr>
<tr>
<td>RESULT = new KeyCall(fname, argl);</td>
</tr>
</tbody>
</table>
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(Classes.TRANSLET_URI, "xsltc", "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"); :} |

DESCEDANT
{: RESULT = parser.getQNameIgnoreDefaultNs("descendant"); :} |

DESCEDANTORSELF
{: RESULT = parser.getQNameIgnoreDefaultNs("descendant-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/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/xpath.cup
No license file was found, but licenses were detected in source scan.

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 */

// is found, then throw a special exception in order to terminate

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/TransformerFactoryImpl.java
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*/

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/domapi/XPathStylesheetDOM3Exception.java
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 */

/*
 * Execute the proprietary document-location() function, which returns
 * a node set of documents.
 * @xsl.usage advanced
 */

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/functions/FuncDoclocation.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.xslt.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 == '	' || c == '' || c == '
' || c == '');
    }

    /**
     * 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());
    }
}
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);
}
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-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|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|u060B|u063A|u0641|u0667|u0671|u067B|u06BA|
|u06E6|u06C0|u06CE|u06D0|u06D3|u06D5|u06E5|u06E6|u0905|u0939|u093D|u0958|u0961|u0985|
|u09BC|u09FF|u0990|u0993|u09A8|u09AA|u09B0|u09B2|u09B6|u09B9|u09DC|
|u09DF|u09E1|u09F0|u09F1|u0A05|u0A0|u0A0F|u0A10|u0A13|u0A28|u0A2A|u0A30|u0A32|u0A33|u0A35|
|u0A36|u0A38|u0A39|u0A5Cu0A5E|u0A72|u0A74|u0A85|u0A86|u0A8B|u0A8F|u0A91|u0A93|
|u0AA8|u0AAA|u0AB0|u0AB2|u0AB3|u0AB5|u0AB9|u0ABD|u0AE0|u0B05|u0B0C|u0B0F|u0B10|u0B13|
|u0B28|u0B2A|u0B3|u0B36|u0B39|u0B3D|u0B5|u0B5F|u0B61|u0B65|
|u0B6A|u0B8E|u0B90|u0B92|u0B95|u0B99|u0B9A|u0B9C|u0B9E|u0B9F|u0BA3|u0BA4|u0BA8|
|u0BAA|u0BAC|u0BB5|u0BB7|u0BB9|u0C05|u0C0C|u0CE0|u0CE1|u0D0|u0D12|u0D28|u0DA2|
|u0D39|u0D60|u0D61|u0E01|u0E2E|u0E30|u0E32|u0E33|u0E40|u0E45|u0E81|u0E82|u0E84|u0E87|
|u0E88|u0EA|u0ED|u0E94|u0E97|u0E99|u0E9F|u0EA|u0EA3|u0EA5|u0EA7|u0EA8|u0EAB|u0EAD|
|u0EAE|u0EB0|u0EB2|u0EB3|u0ED|u0EFC|u0EFO|u0F0|u0F1|u0F4|u0F7|u0F9|u0F69|u10A0|u10C5|u10D0|
|u10F6|u1007|u102|u103|u105|u1079|u1099|u110B|u110C|u110E|
|u1112|u113C|u113E|u1140|u114|u1150|u1154|u1155|u1159|u115F|
|u1161|u1163|u1165|u1167|u1169|u116D|u116E|u1172|u1173|u1175|u119E|u11A8|u11AB|u11AE|
|u11AF|u11B|u11B8|u11B|u11C|u11C2|u11EB|u11F0|u11F9|u11F9u11E00|u11E9B|u1E0A|u1E9F|u1F0|u1F15|u1F18|u1F1D|u1F20|u1F45|u1F48|u1F4D|u1F50|u1F57|u1F59|u1F5Bu1F5D|u1F5F|u1F7D|u1F80|u1F84|u1F86|u1FB|
|u1FC2|u1FC4|u1FC6|u1FC|u1FD0|u1FD3|u1FD6|u1FD8|u1FE0|u1FEu1FE2|u1FE4|u1FE6|u1FE8|u1FFC|u1FFD|u1FF9|u1FFB|u1FGBu1FCE|u1FDC|u1FDD|u1FDE|u1FEE|u1FEC|u1FE2|u1FE4|u1FE6|u1FFC|u1F2|u126|u122A|u122B|u122E|u1280|u1282|u3041|u3094|u30A1|
|u30FA|u3105|u312C|u3AC0|u3D7A3}
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Ideographic=[\u4E00-\u9FA5|\u3007|\u3021-\u3029]

CombiningChar=[\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|\u0ED9-\u0EDF]

Extender=[\u00B7|\u02D0|\u02D1|\u0387|\u0640|\u0E46|\u3005|\u309D|\u309A]

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

NCNameChar=({Letter}|{Digit})|"."|"_"|{CombiningChar}|{Extender}|{NCNameChar}|"\"|\u0130-\u0136|

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\n\r\f]+"()" { return newSymbol(sym.TEXT); }
"node()" { return newSymbol(sym.NODE); }
"node"+[\t\n\r\f]+"()" { return newSymbol(sym.NODE); }
"comment()" { return newSymbol(sym.COMMENT); }
"comment"+[\t\n\r\f]+"()" { return newSymbol(sym.COMMENT); }
"processing-instruction" { return disambiguateAxisOrFunction(sym.PIPELINE); }
"processing-instruction()" { return newSymbol(sym.PI); }
"processing-instruction."+[\t\n\r\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); }
"\"[A-Za-z0-9]*\"" { return newSymbol(sym.LITERAL, yytext().substring(1, yytext().length() - 1)); }
"\"[A-Za-z0-9]*\"" { 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()); }
Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/processor/xpath.lex

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*/

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

package org.apache.xalan.processor;

public class XSLProcessorVersion
{

    public static void main(String argv[])
    {

    }

    /*
    * Print the processor version to the command line.
    *
    * @param argv command line arguments, unused.
    */
    public static void main(String argv[])
    {
```java
{  
    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[d|D]n"</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));

}
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/client/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/objects/package.html

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*/

// Proprietary, built in functions
/** current function string (Proprietary). */

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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/Keywords.java

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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/XslAttribute.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/NodeLocator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToStream.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/MessageHandler.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ElemDesc.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemForEach.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/patterns/ContextMatchStepPattern.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources_zh.java
jar/org/apache/xalan/xsltc/dom/NthIterator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Stylesheet.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTErrorResources_sk.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/XSLTC.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessages_pt_BR.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLMessages.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMNodeProxy.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/StartsWithCall.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ElemContext.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/XPathProcessorException.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/NodeCounterGenerator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ErrorMessages_zh_TW.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources_he.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/LangCall.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionsTable.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ExtensionsNamespaceSupport.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/MethodGenerator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/IntExpr.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Fallback.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Stylesheet.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTErrorResources_sk.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/XSLTC.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessages_pt_BR.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLMessages.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/StartsWithCall.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ElemContext.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/XPathProcessorException.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/NodeCounterGenerator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ErrorMessages_zh_TW.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources_he.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/LangCall.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionsTable.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ExtensionsNamespaceSupport.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/MethodGenerator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/IntExpr.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessages_ja.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/CharArrayWrapper.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/patterns/NodeTest.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/IdKeyPattern.java
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1.1326 make 4.1 6

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1.1329 jetcd-resolver 0.2.0-SNAPSHOT

1.1329.1 Available under license :

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Found in path(s):
* /opt/cola/permits/1075319426_1604574879.27/0/jetcd-resolver-0.3.0-jar/META-INF/maven/io.etcd/jetcd-resolver/pom.xml
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Bnd-LastModified: 1547073110698
Build-Jdk: 1.8.0_191
Built-By: lburgazz
Bundle-Description: Java Client for etcd V3
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: etcd :: jetcd-resolver
Bundle-SymbolicName: io.etcd.jetcd-resolver
Bundle-Version: 0.3.0
Created-By: Apache Maven Bundle Plugin
Export-Package: io.etcd.jetcd.resolver;uses="io.grpc,javax.annotation";version="0.3.0"
Import-Package: com.google.common.base;version="[26.0,27)",io.etcd.jetcd.common.exception;version="[0.3,1)",io.grpc,io.grpc.internal,javax.annotation;version="[3.0,4)",org.slf4j;version="[1.7,2)"
Require-Capability: osgi.ee;filter="(&osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-4.1.0.201810181252

Found in path(s):
* /opt/cola/permits/1075319426_1604574879.27/0/jetcd-resolver-0.3.0-jar/META-INF/MANIFEST.MF

1.1330 ucf 3.0036
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 /************************************************************************
 * NCSA HTTPd Server
 */
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Thanks to the following people for their input:
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Michael Campanella (campanella@stevms.enet.dec.com)
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Historically, haproxy has been covered by GPL version 2. However, an issue appeared in GPL which will prevent external non-GPL code from being built using the headers provided with haproxy. My long-term goal is to build a core system able to load external modules to support specific application protocols.

Since some protocols are found in rare environments (finance, industry, ...), some of them might be accessible only after signing an NDA. Enforcing GPL on such modules would only prevent them from ever being implemented, while not providing anything useful to ordinary users.

For this reason, I *want* to be able to support binary only external modules when needed, with a GPL core and GPL modules for standard protocols, so that people fixing bugs don't keep them secretly to try to stay over competition.

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<code class="docutils literal"><span class="pre">src/lib/gssapi</span></code>, including the following files:

* <code class="docutils literal"><span class="pre">lib/gssapi/generic/gssapi_err_generic.c</span></code>
* <code class="docutils literal"><span class="pre">lib/gssapi/mechglue/g_accept_sec_context.c</span></code>
* <code class="docutils literal"><span class="pre">lib/gssapi/mechglue/g_acquire_cred.c</span></code>
* <code class="docutils literal"><span class="pre">lib/gssapi/mechglue/g_canon_name.c</span></code>
* <code class="docutils literal"><span class="pre">lib/gssapi/mechglue/g_compare_name.c</span></code>
* <code class="docutils literal"><span class="pre">lib/gssapi/mechglue/g_context_time.c</span></code>
* <code class="docutils literal"><span class="pre">lib/gssapi/mechglue/g_delete_sec_context.c</span></code>
and the initial implementation of incremental propagation, including the following new or changed files:

```
include/iprop_hdr.h
kadmin/server/ipropd_svc.c
```

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in `src/lib/gssapi`, including the following files:

.. parsed-literal::

   lib/gssapi/generic/gssapi_err_generic.et
   lib/gssapi/mechglue/g_accept_sec_context.c
   lib/gssapi/mechglue/g_acquire_cred.c
   lib/gssapi/mechglue/g_canon_name.c
   lib/gssapi/mechglue/g_compare_name.c
   lib/gssapi/mechglue/g_context_time.c
   lib/gssapi/mechglue/g_delete_sec_context.c
   lib/gssapi/mechglue/g_dsp_name.c
   lib/gssapi/mechglue/g_dsp_status.c
   lib/gssapi/mechglue/g_dup_name.c
   lib/gssapi/mechglue/g_exp_sec_context.c
   lib/gssapi/mechglue/g_export_name.c
   lib/gssapi/mechglue/g_glue.c
   lib/gssapi/mechglue/g_imp_name.c
   lib/gssapi/mechglue/g_imp_sec_context.c
   lib/gssapi/mechglue/g_init_sec_context.c
   lib/gssapi/mechglue/g_initialize.c
   lib/gssapi/mechglue/g_inquire_context.c
   lib/gssapi/mechglue/g_inquire_cred.c
   lib/gssapi/mechglue/g_inquire_names.c
   lib/gssapi/mechglue/g_process_context.c
   lib/gssapi/mechglue/g_rel_buffer.c
   lib/gssapi/mechglue/g_rel_cred.c
   lib/gssapi/mechglue/g_rel_name.c
   lib/gssapi/mechglue/g_rel_oid_set.c
   lib/gssapi/mechglue/g_seal.c
   lib/gssapi/mechglue/g_sign.c
   lib/gssapi/mechglue/g_store_cred.c
   lib/gssapi/mechglue/g_unseal.c
   lib/gssapi/mechglue/g_userok.c
   lib/gssapi/mechglue/g_utils.c
   lib/gssapi/mechglue/g_verify.c
   lib/gssapi/mechglue/gssd_pname_to_uid.c
   lib/gssapi/mechglue/mglueP.h
   lib/gssapi/mechglue/oid_ops.c
and the initial implementation of incremental propagation, including
the following new or changed files:

.. parsed-literal::

    include/iprop_hdr.h
    kadmin/server/ipropd_svc.c
    lib/kdb/iprop.x
    lib/kdb/kdb_convert.c
    lib/kdb/kdb_log.c
    lib/kdb/kdb_log.h
    lib/krb5/error_tables/kdb5_err.et
    kprop/kpropd_rpc.c
    kprop/kproplog.c

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  COLLAPSE_INDEX: false,
  FILE_SUFFIX: '.html',
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lib/kdb/kdb_log.c
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# and license statements in source code comments.

import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.

def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
        if text_seen:
            warn(fname, ln, 'License begins after first line of comment')
        elif code_seen:
            warn(fname, ln, 'License after code')
        elif nonlicense_seen:
            warn(fname, ln, 'License after non-license comments')
        break
    # DB2 licenses start with '/*- and we don't want to change them.
    if line != '/' and line != '-*:
        text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
if `-*- mode: c;' in lines[ln]:
    ln += 1

# Check filename comment if present.
m = re.match(r'\* ([^-])\* (- \*)\? \*\*/', lines[ln])
if m:
    if m.group(1) != fname:
        warn(fname, ln, 'Wrong filename in comment')
    ln += 1

# Scan for license statements.
in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'\*.*?\*/', '', line)
        line = line.strip()
    if not in_comment and '/\* in line:
        (line, sep, comment_part) = line.partition('*/')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '*/' not in line:
        comment.append(line.lstrip('*').lstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('*/')
        comment.append(comment_part.strip())
    is_license = check_comment(comment, fname, comment_starts_at,
                                code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
    elif line.strip() != '':
        code_seen = True
    ln += 1

for fname in sys.argv[1:]
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)
.. _mitK5license:
MIT Kerberos License information
================================

.. toctree::
   :hidden:

   copyright.rst

.. include:: notice.rst

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This package was then maintained by Sven Rudolph.

This package was maintained by Herbert Xu <herbert@gondor.apana.org.au> from March 1997 to May 2004.
This package was maintained by the Debian Kernel Team <debian-kernel@lists.debian.org>

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testing of the events subsystem

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1.1380 wireless-regdb 2020.11.20-
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This package was debianized by Luis Rodriguez <mcgrof@gmail.com> on Thu, 22 Jan 2009 16:00:00 +0100.

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 */

package license

import (
    "context"
    "flag"
    "github.com/vmware/govmomi/govc/cli"
    "github.com/vmware/govmomi/govc/flags"
    "github.com/vmware/govmomi/license"
    "github.com/vmware/govmomi/vim25/types"
)

type assign struct {
*flags.ClientFlag
*flags.OutputFlag
*flags.HostSystemFlag
*flags.ClusterFlag

name   string
remove bool
}

func init() {
cli.Register("license.assign", &assign{})
}

func (cmd *assign) Register(ctx context.Context, f *flag.FlagSet) {
cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
cmd.ClientFlag.Register(ctx, f)

cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
cmd.OutputFlag.Register(ctx, f)

cmd.HostSystemFlag, ctx = flags.NewHostSystemFlag(ctx)
cmd.HostSystemFlag.Register(ctx, f)

cmd.ClusterFlag, ctx = flags.NewClusterFlag(ctx)
cmd.ClusterFlag.Register(ctx, f)

f.StringVar(&cmd.name, "name", ",", "Display name")
f.BoolVar(&cmd.remove, "remove", false, "Remove assignment")
}

func (cmd *assign) Process(ctx context.Context) error {
if err := cmd.ClientFlag.Process(ctx); err != nil {
return err
}
if err := cmd.OutputFlag.Process(ctx); err != nil {
return err
}
if err := cmd.HostSystemFlag.Process(ctx); err != nil {
return err
}
return cmd.ClusterFlag.Process(ctx)
}

func (cmd *assign) Usage() string {
return "KEY"
}

func (cmd *assign) Description() string {
return `Assign licenses to HOST or CLUSTER.

Examples:
govc license.assign $VCSA_LICENSE_KEY
govc license.assign -host a_host.example.com $ESX_LICENSE_KEY
govc license.assign -cluster a_cluster $VSAN_LICENSE_KEY`

func (cmd *assign) Run(ctx context.Context, f *flag.FlagSet) error {
    if f.NArg() != 1 {
        return flag.ErrHelp
    }

    key := f.Arg(0)

    client, err := cmd.Client()
    if err != nil {
        return err
    }

    m, err := license.NewManager(client).AssignmentManager(ctx)
    if err != nil {
        return err
    }

    host, err := cmd.HostSystemIfSpecified()
    if err != nil {
        return err
    }

    var id string

    if host == nil {
        cluster, cerr := cmd.ClusterIfSpecified()
        if cerr != nil {
            return cerr
        }
        if cluster == nil {
            // Default to vCenter UUID
            id = client.ServiceContent.About.InstanceUuid
        } else {
            id = cluster.Reference().Value
        }
    } else {
        id = host.Reference().Value
    }

    if cmd.remove {
return m.Remove(ctx, id)
}

info, err := m.Update(ctx, id, key, cmd.name)
if err != nil {
    return err
}

return cmd.WriteResult(licenseOutput([]types.LicenseManagerLicenseInfo{*info}))
}

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package license

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    "context"
    "flag"

    "github.com/vmware/govmomi/govc/cli"
    "github.com/vmware/govmomi/govc/flags"
    "github.com/vmware/govmomi/license"
)

var featureUsage = "List licenses with given feature"

type ls struct {
    *flags.ClientFlag
    *flags.OutputFlag
    feature string
}

func init() {
    cli.Register("license.ls", &ls{ })
func (cmd *ls) Register(ctx context.Context, f *flag.FlagSet) {
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)

    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
    cmd.OutputFlag.Register(ctx, f)

    f.StringVar(&cmd.feature, "feature", ",", featureUsage)
}

func (cmd *ls) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }
    return nil
}

func (cmd *ls) Run(ctx context.Context, f *flag.FlagSet) error {
    client, err := cmd.Client()
    if err != nil {
        return err
    }

    m := license.NewManager(client)
    result, err := m.List(ctx)
    if err != nil {
        return err
    }

    if cmd.feature != "" {
        result = result.WithFeature(cmd.feature)
    }

    return cmd.WriteResult(licenseOutput(result))
}

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package license

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    "flag"
    "fmt"
    
    "github.com/vmware/govmomi/govc/cli"
    "github.com/vmware/govmomi/govc/flags"
    "github.com/vmware/govmomi/license"
    "github.com/vmware/govmomi/govmomi/vim25/types"
)

type add struct {
    *flags.ClientFlag
    *flags.OutputFlag
}

func init() {
    cli.Register("license.add", &add{ })
}

func (cmd *add) Register(ctx context.Context, f *flag.FlagSet) {
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)
    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
    cmd.OutputFlag.Register(ctx, f)
}

func (cmd *add) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }
    return nil
}
func (cmd *add) Usage() string {
    return "KEY..."
}

func (cmd *add) Run(ctx context.Context, f *flag.FlagSet) error {
    client, err := cmd.Client()
    if err != nil {
        return err
    }
    return err
}

m := license.NewManager(client)

// From the vSphere 5.5 documentation:
//
// To specify the edition type and any optional functions, use
// updateLicense for ESX Server and addLicense follow by
// LicenseAssingmentManager.updateAssignedLicense for VirtualCenter.
//
var addFunc func(ctx context.Context, key string, labels map[string]string) (types.LicenseManagerLicenseInfo, error)
switch t := client.ServiceContent.About.ApiType; t {
    case "HostAgent":
        addFunc = m.Update
    case "VirtualCenter":
        addFunc = m.Add
    default:
        return fmt.Errorf("unsupported ApiType: %s", t)
}

result := make(licenseOutput, 0)
for _, v := range f.Args() {
    license, err := addFunc(ctx, v, nil)
    if err != nil {
        return err
    }
    result = append(result, license)
}

return cmd.WriteResult(licenseOutput(result))
}

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limitations under the License.
*/

package simulator

import (
    "context"
    "reflect"
    "testing"
    "github.com/vmware/govmomi"
    "github.com/vmware/govmomi/find"
    "github.com/vmware/govmomi/license"
)

func TestLicenseManagerVPX(t *testing.T) {
    ctx := context.Background()
    m := VPX()

    defer m.Remove()

    err := m.Create()
    if err != nil {
        t.Fatal(err)
    }

    s := m.Service.NewServer()
    defer s.Close()
c, err := govmomi.NewClient(ctx, s.URL, true)
if err != nil {
  t.Fatal(err)
}

lm := license.NewManager(c.Client)
am, err := lm.AssignmentManager(ctx)
if err != nil {
  t.Fatal(err)
}

la, err := am.QueryAssigned(ctx, "enoent")
if err != nil {
  t.Fatal(err)
}

if len(la) != 0 {
  t.Errorf("unexpected license")
}

finder := find.NewFinder(c.Client, false)
hosts, err := finder.HostSystemList(ctx, "/...
if err != nil {
  t.Fatal(err)
}

host := hosts[0].Reference().Value

for _, name := range []string{"", host, vcid} {
  la, err = am.QueryAssigned(ctx, name)
  if err != nil {
    t.Fatal(err)
  }
  if len(la) != 1 {
    t.Fatal("no licenses")
  }

  if !reflect.DeepEqual(la[0].AssignedLicense, EvalLicense) {
    t.Fatal("invalid license")
  }
}

func TestLicenseManagerESX(t *testing.T) {
  ctx := context.Background()
m := ESX()
deferr m.Remove()

er := m.Create()
if err != nil {
    t.Fatal(err)
}

s := m.Service.NewServer()
deferr s.Close()

c, err := govmomi.NewClient(ctx, s.URL, true)
if err != nil {
    t.Fatal(err)
}

lm := license.NewManager(c.Client)
_, err = lm.AssignmentManager(ctx)
if err != nil {
    t.Fatal("expected error")
}

la, err := lm.List(ctx)
if err != nil {
    t.Fatal(err)
}

if len(la) != 1 {
    t.Fatal("no licenses")
}

if !reflect.DeepEqual(la[0], EvalLicense) {
    t.Fatal("invalid license")
}

func TestAddRemoveLicense(t *testing.T) {
    ctx := context.Background()
m := ESX()

deferr m.Remove()

err := m.Create()
if err != nil {
    t.Fatal(err)
}

s := m.Service.NewServer()
defer s.Close()

c, err := govmomi.NewClient(ctx, s.URL, true)
if err != nil {
    t.Fatal(err)
}

lm := license.NewManager(c.Client)
key := "00000-00000-00000-00000-11111"
labels := map[string]string{"key": "value"}

info, err := lm.Add(ctx, key, labels)
if err != nil {
    t.Fatal(err)
}

if info.LicenseKey != key {
    t.Fatalf("expect info.LicenseKey equal to %q; got %q", key, info.LicenseKey)
}

if len(info.Labels) != len(labels) {
    t.Fatalf("expect len(info.Labels) eqaul to %d; got %d", len(labels), len(info.Labels))
}

if info.Labels[0].Key != "key" || info.Labels[0].Value != "value" {
    t.Fatalf("expect label to be {key:value}; got {%s:%s}", info.Labels[0].Key, info.Labels[0].Value)
}

la, err := lm.List(ctx)
if err != nil {
    t.Fatal(err)
}

if len(la) != 2 {
    t.Fatal("no licenses")
}

if la[1].LicenseKey != key {
    t.Fatalf("expect info.LicenseKey equal to %q; got %q", key, la[1].LicenseKey)
}

if len(la[1].Labels) != len(labels) {
    t.Fatalf("expect len(info.Labels) eqaul to %d; got %d", len(labels), len(la[1].Labels))
}
if la[1].Labels[0].Key != "key" || la[1].Labels[0].Value != "value" {
    t.Fatalf("expect label to be {key:value}; got {:%s:%s}",
    la[1].Labels[0].Key, la[1].Labels[0].Value)
}

err = lm.Remove(ctx, key)
if err != nil {
    t.Fatal(err)
}

la, err = lm.List(ctx)
if err != nil {
    t.Fatal(err)
}

if len(la) != 1 {
    t.Fatal("no licenses")
}

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package simulator

import (
    "github.com/vmware/govmomi/object"
    "github.com/vmware/govmomi/vim25/methods"
    "github.com/vmware/govmomi/vim25/mo"
    "github.com/vmware/govmomi/vim25/soap"
    "github.com/vmware/govmomi/vim25/types"
)

// EvalLicense is the default license
var EvalLicense = types.LicenseManagerLicenseInfo{
    LicenseKey: "00000-00000-00000-00000-00000",
    EditionKey: "eval",
    Name: "Evaluation Mode",
    Properties: []types.KeyAnyValue{
        {Key: "feature", Value: types.KeyValue{}}
    }
}
Key: "serialuri:2",
Value: "Remote virtual Serial Port Concentrator",
},
},
{
Key: "feature",
Value: types.KeyValue{
Key: "dvs",
Value: "vSphere Distributed Switch",
},
},
},
}

```go
type LicenseManager struct {
mo.LicenseManager
}

func NewLicenseManager(ref types.ManagedObjectReference) object.Reference {
    m := &LicenseManager{
        m.Self = ref
        m.Licenses = []types.LicenseManagerLicenseInfo{EvalLicense}
    }
    if Map.IsVPX() {
        am := Map.Put(&LicenseAssignmentManager{}).Reference()
        m.LicenseAssignmentManager = &am
    }
    return m
}

func (m *LicenseManager) AddLicense(req *types.AddLicense) soap.HasFault {
    body := &methods.AddLicenseBody{
        Res: &types.AddLicenseResponse{},
    }
    for _, license := range m.Licenses {
        if license.LicenseKey == req.LicenseKey {
            body.Res.Returnval = licenseInfo(license.LicenseKey, license.Labels)
            return
        }
    }
    m.Licenses = append(m.Licenses, types.LicenseManagerLicenseInfo{
        LicenseKey: req.LicenseKey,
        Labels:    req.Labels,
    })
}
```
body.Res.Returnval = licenseInfo(req.LicenseKey, req.Labels)

return body
}

func (m *LicenseManager) RemoveLicense(req *types.RemoveLicense) soap.HasFault {
body := &methods.RemoveLicenseBody{
Res: &types.RemoveLicenseResponse{ }
}

for i, license := range m.Licenses {
if req.LicenseKey == license.LicenseKey {
    m.Licenses = append(m.Licenses[:i], m.Licenses[i+1:]...)  
    return body
}
}
return body
}

type LicenseAssignmentManager struct {
    mo.LicenseAssignmentManager
}

func (m *LicenseAssignmentManager) QueryAssignedLicenses(req *types.QueryAssignedLicenses) soap.HasFault {
body := &methods.QueryAssignedLicensesBody{
Res: &types.QueryAssignedLicensesResponse{ },
}

// EntityId can be a HostSystem or the vCenter InstanceUuid
if req.EntityId != "" {
    if req.EntityId != Map.content().About.InstanceUuid {
        id := types.ManagedObjectReference{
            Type: "HostSystem",
            Value: req.EntityId,
        }
        if Map.Get(id) == nil {
            return body
        }
    }
}

body.Res(Returnval = []types.LicenseAssignmentManagerLicenseAssignment{
    
    EntityId: req.EntityId,
    AssignedLicense: EvalLicense,
},

func licenseInfo(key string, labels []types.KeyValue) types.LicenseManagerLicenseInfo {
    info := EvalLicense

    info.LicenseKey = key
    info.Labels = labels

    return info
}

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*/

package license

import (
    "context"
    "flag"

    "github.com/vmware/govmomi/govc/cli"
    "github.com/vmware/govmomi/govc/flags"
    "github.com/vmware/govmomi/license"
)

type decode struct {
    *flags.ClientFlag
    *flags.OutputFlag

    feature string
}

func init() {
cli.Register("license.decode", &decode{}
}

func (cmd *decode) Register(ctx context.Context, f *flag.FlagSet) {
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)
    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
    cmd.OutputFlag.Register(ctx, f)
    f.StringVar(&cmd.feature, "feature", ",", featureUsage)
}

func (cmd *decode) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }
    return nil
}

func (cmd *decode) Usage() string {
    return "KEY..."
}

func (cmd *decode) Run(ctx context.Context, f *flag.FlagSet) error {
    client, err := cmd.Client()
    if err != nil {
        return err
    }
    var result license.InfoList
    m := license.NewManager(client)
    for _, v := range f.Args() {
        license, err := m.Decode(ctx, v)
        if err != nil {
            return err
        }
        result = append(result, license)
    }
    if cmd.feature != "" {
        result = result.WithFeature(cmd.feature)
    }
    return nil
}
return cmd.WriteResult(licenseOutput(result))
}
# People who can (and typically have) contributed to this repository.
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# This script is generated by contributors.sh
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*/

package license

import (  
    "context"  
    "strconv"  
    "strings"  
    "github.com/vmware/govmomi/object"  
    "github.com/vmware/govmomi/vim25"  
    "github.com/vmware/govmomi/vim25/methods"  
    "github.com/vmware/govmomi/vim25/mo"  
    "github.com/vmware/govmomi/vim25/types"
)

type Manager struct {  
    object.Common  
}

func NewManager(c *vim25.Client) *Manager {  
    m := Manager{  
        object.NewCommon(c, *c.ServiceContent.LicenseManager),  
    }  
}
func mapToKeyValueSlice(m map[string]string) []types.KeyValue {
    var r []types.KeyValue
    for k, v := range m {
        r = append(r, types.KeyValue{Key: k, Value: v})
    }
    return r
}

func (m Manager) Add(ctx context.Context, key string, labels map[string]string) (types.LicenseManagerLicenseInfo, error) {
    req := types.AddLicense{
        This: m.Reference(),
        LicenseKey: key,
        Labels: mapToKeyValueSlice(labels),
    }
    res, err := methods.AddLicense(ctx, m.Client(), &req)
    if err != nil {
        return types.LicenseManagerLicenseInfo{}, err
    }
    return res.Returnval, nil
}

func (m Manager) Decode(ctx context.Context, key string) (types.LicenseManagerLicenseInfo, error) {
    req := types.DecodeLicense{
        This: m.Reference(),
        LicenseKey: key,
    }
    res, err := methods.DecodeLicense(ctx, m.Client(), &req)
    if err != nil {
        return types.LicenseManagerLicenseInfo{}, err
    }
    return res.Returnval, nil
}

func (m Manager) Remove(ctx context.Context, key string) error {
    req := types.RemoveLicense{
        This: m.Reference(),
        LicenseKey: key,
    }

    return &m
}
_, err := methods.RemoveLicense(ctx, m.Client(), &req)
return err
}

func (m Manager) Update(ctx context.Context, key string, labels map[string]string) (types.LicenseManagerLicenseInfo, error) {
req := types.UpdateLicense{
This: m.Reference(),
LicenseKey: key,
Labels: mapToKeyValueSlice(labels),
}
res, err := methods.UpdateLicense(ctx, m.Client(), &req)
if err != nil {
return types.LicenseManagerLicenseInfo{}, err
}
return res.Returnval, nil
}

func (m Manager) List(ctx context.Context) (InfoList, error) {
var mlm mo.LicenseManager
err := m.Properties(ctx, m.Reference(), []string{"licenses"}, &mlm)
if err != nil {
return nil, err
}
return InfoList(mlm.Licenses), nil
}

func (m Manager) AssignmentManager(ctx context.Context) (*AssignmentManager, error) {
var mlm mo.LicenseManager
err := m.Properties(ctx, m.Reference(), []string{"licenseAssignmentManager"}, &mlm)
if err != nil {
return nil, err
}
if mlm.LicenseAssignmentManager == nil {
return nil, object.ErrNotSupported
}
am := AssignmentManager{
object.NewCommon(m.Client(), *mlm.LicenseAssignmentManager),
}
return &am, nil
type licenseFeature struct {
    name  string
    level int
}

func parseLicenseFeature(feature string) *licenseFeature {
    lf := new(licenseFeature)
    f := strings.Split(feature, ":")
    lf.name = f[0]
    if len(f) > 1 {
        var err error
        lf.level, err = strconv.Atoi(f[1])
        if err != nil {
            lf.name = feature
        }
    }
    return lf
}

func HasFeature(license types.LicenseManagerLicenseInfo, key string) bool {
    feature := parseLicenseFeature(key)
    for _, p := range license.Properties {
        if p.Key != "feature" {
            continue
        }
        kv, ok := p.Value.(types.KeyValue)
        if !ok {
            continue
        }
        lf := parseLicenseFeature(kv.Key)
        if lf.name == feature.name && lf.level >= feature.level {
            return true
        }
    }
    return false
}
// InfoList provides helper methods for []types.LicenseManagerLicenseInfo
type InfoList []types.LicenseManagerLicenseInfo

func (l InfoList) WithFeature(key string) InfoList {
    var result InfoList

    for _, license := range l {
        if HasFeature(license, key) {
            result = append(result, license)
        }
    }

    return result
}

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package license

import {
    "context"
    "flag"
    "github.com/vmware/govmomi/govc/cli"
    "github.com/vmware/govmomi/govc/flags"
    "github.com/vmware/govmomi/license"
}

type remove struct {
    *flags.ClientFlag
    *flags.OutputFlag
}

func init() {
    cli.Register("license.remove", &remove{ })
}

func (cmd *remove) Register(ctx context.Context, f *flag.FlagSet) {
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)
    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
    cmd.OutputFlag.Register(ctx, f)
}

func (cmd *remove) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }
    return nil
}

func (cmd *remove) Usage() string {
    return "KEY..."
}

func (cmd *remove) Run(ctx context.Context, f *flag.FlagSet) error {
    client, err := cmd.Client()
return err
}

m := license.NewManager(client)
for _, v := range f.Args() {
    err = m.Remove(ctx, v)
    if err != nil {
        return err
    }
}

return nil
}
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*/

package license

import (
    "context"
    "flag"
    "fmt"
    "io"
    "os"
    "text/tabwriter"

    "github.com/vmware/govmomi/govc/cli"
    "github.com/vmware/govmomi/govc/flags"
    "github.com/vmware/govmomi/license"
    "github.com/vmware/govmomi/vim25/types"
)

type assigned struct {
    *flags.ClientFlag
    *flags.OutputFlag
}
id string

func init() {
    cli.Register("license.assigned.ls", &assigned{ })
}

func (cmd *assigned) Register(ctx context.Context, f *flag.FlagSet) {
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)

    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
    cmd.OutputFlag.Register(ctx, f)

    f.StringVar(&cmd.id, "id", ", " , "Entity ID")
}

func (cmd *assigned) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }

    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }

    return nil
}

func (cmd *assigned) Run(ctx context.Context, f *flag.FlagSet) error {
    client, err := cmd.Client()
    if err != nil {
        return err
    }

    m, err := license.NewManager(client).AssignmentManager(ctx)
    if err != nil {
        return err
    }

    assigned, err := m.QueryAssigned(ctx, cmd.id)
    if err != nil {
        return err
    }

    return cmd.WriteResult(assignedOutput(assigned))
}

type assignedOutput []types.LicenseAssignmentManagerLicenseAssignment
func (res assignedOutput) Write(w io.Writer) error {
    tw := tabwriter.NewWriter(os.Stdout, 4, 0, 2, ' ', 0)
    fmt.Fprintln(tw, "Id:Scope:Name:License:" )
    for _, v := range res {
        fmt.Fprintf(tw, "%s", v.EntityId)
        fmt.Fprintf(tw, "%s", v.Scope)
        fmt.Fprintf(tw, "%s", v.EntityDisplayName)
        fmt.Fprintf(tw, "%s", v.AssignedLicense.LicenseKey)
        fmt.Fprintf(tw, "\n")
    }
    return tw.Flush()
}

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package license

import (
    "fmt"
    "io"
    "os"
    "text/tabwriter"

    "github.com/vmware/govmomi/vim25/types"
)

type licenseOutput []types.LicenseManagerLicenseInfo

func (res licenseOutput) Write(w io.Writer) error {
    tw := tabwriter.NewWriter(os.Stdout, 4, 0, 2, ' ', 0)
    fmt.Fprintf(tw, "Key:	Edition:	Used:	Total:
"
for _, v := range res {
    fmt.Fprintf(tw, "%s	", v.LicenseKey)
    fmt.Fprintf(tw, "%s	", v.EditionKey)
    fmt.Fprintf(tw, "%d	", v.Used)
    fmt.Fprintf(tw, "%d	", v.Total)
    fmt.Fprintf(tw, "\n")
}
    return tw.Flush()
}

#!/usr/bin/env bats
load test_helper
# These tests should only run against a server running an evaluation license.
verify_evaluation() {
  if [ "$(govc license.ls -json | jq -r .[0].EditionKey)" != "eval" ]; then
    skip "requires evaluation license"
  fi
}

get_key() {
  jq ".[1] | select(.LicenseKey == "$1")"
}

get_property() {
  jq -r ".Properties[] | select(.Key == "$1")|.Value"
}

@test "license.add" {
  esx_env

  verify_evaluation

  run govc license.add -json 00000-00000-00000-00000-00001 00000-00000-00000-00000-00000-00002
  assert_success

  # Expect to see an entry for both the first and the second key
  assert_equal "License is not valid for this product" "$(get_key 00000-00000-00000-00000-00001 <<<${output}) | get_property diagnostic"
  assert_equal "License is not valid for this product" "$(get_key 00000-00000-00000-00000-00000-00002 <<<${output}) | get_property diagnostic"
}

@test "license.remove" {
  esx_env

  verify_evaluation

  run govc license.remove -json 00000-00000-00000-00000-00001
  assert_success
}

@test "license.ls" {
  vcsim_env

  verify_evaluation

  run govc license.ls -json
  assert_success

  # Expect the test instance to run in evaluation mode
assert_equal "Evaluation Mode" "$(get_key 00000-00000-00000-00000 <<<$output | jq -r ".Name")"
}

@test "license.decode" {
 esx_env

 verify_evaluation

 key=00000-00000-00000-00000-00000
 assert_equal "eval" $(govc license.decode $key | grep $key | awk '{print $2}')
}

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    "context"
    "github.com/vmware/govmomi/object"
    "github.com/vmware/govmomi/vim25/methods"
    "github.com/vmware/govmomi/vim25/types"
)

type AssignmentManager struct {
    object.Common
}

func (m AssignmentManager) QueryAssigned(ctx context.Context, id string) ([]types.LicenseAssignmentManagerLicenseAssignment, error) {
    req := types.QueryAssignedLicenses{
        This:     m.Reference(),
        EntityId: id,
    }
    res, err := methods.QueryAssignedLicenses(ctx, m.Client(), &req)
    if err != nil {
        return nil, err
    }
    return res.Returnval, nil
}

func (m AssignmentManager) Remove(ctx context.Context, id string) error {
    req := types.RemoveAssignedLicense{
        This:     m.Reference(),
        EntityId: id,
    }
    return nil
}
EntityId: id,

_, err := methods.RemoveAssignedLicense(ctx, m.Client(), &req)

return err

func (m AssignmentManager) Update(ctx context.Context, id string, key string, name string) (*types.LicenseManagerLicenseInfo, error) {
    req := types.UpdateAssignedLicense{
        This: m.Reference(),
        Entity: id,
        LicenseKey: key,
        EntityDisplayName: name,
    }

    res, err := methods.UpdateAssignedLicense(ctx, m.Client(), &req)
    if err != nil {
        return nil, err
    }

    return &res.Returnval, nil
}

1.1383 pax-swissbox-property 1.5.0

1.1384 perl 5.22.1 9

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

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

<one line to give the program's name and a brief idea of what it does.>
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

That's all there is to it!

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The End
/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.8, April 28th, 2013

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Jean-loup Gailly        Mark Adler
jloup@gzip.org          madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

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Upstream-Name: perl
Source: http://www.perl.com/CPAN/src/5.0/
Comment:
This package was debianized by Brendan O'Dea <bod@debian.org> on
Thu, 17 Aug 2000 16:10:54 +1000.

Upstream Authors:

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

Last checked against: Perl 5.22.1

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.5 of 10 December 2007

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* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/helpers/DefaultValidationEventHandler.java
* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/DatatypeConverter.java
* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/helpers/PrintConversionEventImpl.java
* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/util/Messages.java
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* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/annotation/XmlMixed.java
* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/annotation/XmlAccessOrder.java
* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/annotation/adapters/XmlJavaTypeAdapters.java
* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/annotation/XmlAttachmentRef.java
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* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/Binder.java
* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/annotation/W3CDomHandler.java
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* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/annotation/XmlAnyElement.java
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* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/annotation/adapters/NormalizedStringAdapter.java
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* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/annotation/adapters/HexBinaryAdapter.java
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* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/annotation/adapters/HexBinaryAdapter.java
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* /opt/cola/permits/1001073861_1607158900.63/0/com-springsource-javax-xml-bind-2-1-7-sources-1-jar/javax/xml/bind/annotation/adapters/HexBinaryAdapter.java
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1.1387 mitchellh-copystructure 1.0.0

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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 form 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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-->

<!-- 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="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:stylesheet>
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********************************************************************************
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1.1418 cmux 2.2.1

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#
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*
*
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# This file contains a list of people who've made non-trivial
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# here. Please keep the list sorted by first names.

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include/GL/g1.h :

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include/GL/wglxext.h :

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Appendix: How to Apply These Terms to Your New Programs

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

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

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify
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the Free Software Foundation; either version 2 of the License, or
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along with this program; if not, write to the Free Software
Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

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

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

  Gnomovision version 69, Copyright (C) 19yy name of author
  Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
  This is free software, and you are welcome to redistribute it
  under certain conditions; type `show c' for details.

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

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

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

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

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

1.1423 python-setuptools 20.7.0-1
1.1423.1 Available under license:
No license file was found, but licenses were detected in source scan.

==================================================================
Building and Distributing Packages with Setuptools
==================================================================

``Setuptools`` is a collection of enhancements to the Python ``distutils`` (for Python 2.6 and up) that allow developers to more easily build and distribute Python packages, especially ones that have dependencies on other packages.

Packages built and distributed using ``setuptools`` look to the user like ordinary Python packages based on the ``distutils``. Your users don't need to install or even know about setuptools in order to use them, and you don't have to include the entire setuptools package in your distributions. By including just a single `bootstrap module` (a 12K .py file), your package will automatically download and install ``setuptools`` if the user is building your package from source and doesn't have a suitable version already installed.

.. _bootstrap module: https://bootstrap.pypa.io/ez_setup.py

Feature Highlights:

* Automatically find/download/install/upgrade dependencies at build time using the `EasyInstall tool <easy_install.html>`_, which supports downloading via HTTP, FTP, Subversion, and SourceForge, and automatically scans web pages linked from PyPI to find download links. (It's the closest thing to CPAN currently available for Python.)

* Create `Python Eggs <http://peak.telecommunity.com/DevCenter/PythonEggs>`_ - a single-file importable distribution format

* Enhanced support for accessing data files hosted in zipped packages.

* Automatically include all packages in your source tree, without listing them individually in setup.py
* Automatically include all relevant files in your source distributions, without needing to create a `MANIFEST.in` file, and without having to force regeneration of the `MANIFEST` file when your source tree changes.

* Automatically generate wrapper scripts or Windows (console and GUI) .exe files for any number of "main" functions in your project. (Note: this is not a py2exe replacement; the .exe files rely on the local Python installation.)

* Transparent Pyrex support, so that your setup.py can list `.pyx` files and still work even when the end-user doesn't have Pyrex installed (as long as you include the Pyrex-generated C in your source distribution)

* Command aliases - create project-specific, per-user, or site-wide shortcut names for commonly used commands and options

* PyPI upload support - upload your source distributions and eggs to PyPI

* Deploy your project in "development mode", such that it's available on `sys.path`, yet can still be edited directly from its source checkout.

* Easily extend the distutils with new commands or `setup()` arguments, and distribute/reuse your extensions for multiple projects, without copying code.

* Create extensible applications and frameworks that automatically discover extensions, using simple "entry points" declared in a project's setup script.

In addition to the PyPI downloads, the development version of `setuptools` is available from the `Python SVN sandbox`, and in-development versions of the `0.6 branch` are available as well.

.. _0.6 branch: http://svn.python.org/projects/sandbox/branches/setuptools-0.6/#egg=setuptools-dev06

.. _Python SVN sandbox: http://svn.python.org/projects/sandbox/trunk/setuptools/#egg=setuptools-dev

.. contents:: **Table of Contents**

.. _ez_setup.py: `bootstrap module`

--------------
Developer's Guide
--------------

Installing `setuptools`
Please follow the `EasyInstall Installation Instructions` to install the current stable version of setuptools. In particular, be sure to read the section on `Custom Installation Locations` if you are installing anywhere other than Python's `site-packages` directory.

.. _EasyInstall Installation Instructions: easy_install.html#installation-instructions

.. _Custom Installation Locations: easy_install.html#custom-installation-locations

If you want the current in-development version of setuptools, you should first install a stable version, and then run:

    ez_setup.py setuptools==dev

This will download and install the latest development (i.e. unstable) version of setuptools from the Python Subversion sandbox.

Basic Use
=========  

For basic use of setuptools, just import things from setuptools instead of the distutils. Here's a minimal setup script using setuptools:

    from setuptools import setup, find_packages
    setup(
        name = "HelloWorld",
        version = "0.1",
        packages = find_packages(),
    )

As you can see, it doesn't take much to use setuptools in a project. Run that script in your project folder, alongside the Python packages you have developed.

Invoke that script to produce eggs, upload to PyPI, and automatically include all packages in the directory where the setup.py lives. See the `Command Reference` section below to see what commands you can give to this setup script. For example, to produce a source distribution, simply invoke:

    python setup.py sdist

Of course, before you release your project to PyPI, you'll want to add a bit more information to your setup script to help people find or learn about your project. And maybe your project will have grown by then to include a few dependencies, and perhaps some data files and scripts:
from setuptools import setup, find_packages
setup(
    name = "HelloWorld",
    version = "0.1",
    packages = find_packages(),
    scripts = ['say_hello.py'],

    # Project uses reStructuredText, so ensure that the docutils get
    # installed or upgraded on the target machine
    install_requires = ['docutils>=0.3'],

    package_data = {
        # If any package contains *.txt or *.rst files, include them:
        ":" : ['*.txt', '*.rst'],
        # And include any *.msg files found in the 'hello' package, too:
        'hello': ['*.msg'],
    },

    # metadata for upload to PyPI
    author = "Me",
    author_email = "me@example.com",
    description = "This is an Example Package",
    license = "PSF",
    keywords = 'hello world example examples',
    url = "http://example.com/HelloWorld/",    # project home page, if any

    # could also include long_description, download_url, classifiers, etc.
)

In the sections that follow, we'll explain what most of these `setup()` arguments do (except for the metadata ones), and the various ways you might use them in your own project(s).

Specifying Your Project's Version
-----------------------------------

Setuptools can work well with most versioning schemes; there are, however, a few special things to watch out for, in order to ensure that setuptools and EasyInstall can always tell what version of your package is newer than another version. Knowing these things will also help you correctly specify what versions of other projects your project depends on.

A version consists of an alternating series of release numbers and pre-release or post-release tags. A release number is a series of digits punctuated by dots, such as `"2.4"` or `"0.5"`. Each series of digits is treated numerically, so releases `"2.1"` and `"2.1.0"` are different ways to spell the same release number, denoting the first subrelease of release 2. But `"2.10"`
is the tenth subrelease of release 2, and so is a different and newer release from "2.1" or "2.1.0". Leading zeros within a series of digits are also ignored, so "2.01" is the same as "2.1", and different from "2.0.1".

Following a release number, you can have either a pre-release or post-release tag. Pre-release tags make a version be considered older than the version they are appended to. So, revision "2.4" is newer than revision "2.4c1", which in turn is newer than "2.4b1" or "2.4a1". Postrelease tags make a version be considered newer than the version they are appended to. So, revisions like "2.4-1" and "2.4pl3" are newer than "2.4", but are older than "2.4.1" (which has a higher release number).

A pre-release tag is a series of letters that are alphabetically before "final". Some examples of prerelease tags would include "alpha", "beta", "a", "c", "dev", and so on. You do not have to place a dot or dash before the prerelease tag if it's immediately after a number, but it's okay to do so if you prefer. Thus, "2.4c1" and "2.4.1" and "2.4.e1" all represent release candidate 1 of version "2.4", and are treated as identical by setuptools.

In addition, there are three special prerelease tags that are treated as if they were the letter "c": "pre", "preview", and "rc". So, version "2.4c1", "2.4pre1" and "2.4preview1" are all the exact same version as "2.4c1", and are treated as identical by setuptools.

A post-release tag is either a series of letters that are alphabetically greater than or equal to "final", or a dash ("-"). Post-release tags are generally used to separate patch numbers, port numbers, build numbers, revision numbers, or date stamps from the release number. For example, the version "2.4-r1263" might denote Subversion revision 1263 of a post-release patch of version "2.4". Or you might use "2.4-20051127" to denote a date-stamped post-release.

Notice that after each pre or post-release tag, you are free to place another release number, followed again by more pre- or post-release tags. For example, "0.6a9.dev-r41475" could denote Subversion revision 41475 of the in-development version of the ninth alpha of release 0.6. Notice that "dev" is a pre-release tag, so this version is a lower version number than "0.6a9", which would be the actual ninth alpha of release 0.6. But the "-r41475" is a post-release tag, so this version is newer than "0.6a9.dev".

For the most part, setuptools' interpretation of version numbers is intuitive, but here are a few tips that will keep you out of trouble in the corner cases:

* Don't stick adjoining pre-release tags together without a dot or number between them. Version "1.9adev" is the "adev" prerelease of "1.9", *not* a development pre-release of "1.9a". Use ".dev" instead, as in "1.9a.dev", or separate the prerelease tags with a number, as in
"1.9a0dev", "1.9a.dev", "1.9a0dev", and even "1.9.a.dev" are identical versions from setuptools' point of view, so you can use whatever scheme you prefer.

* If you want to be certain that your chosen numbering scheme works the way you think it will, you can use the "pkg_resources.parse_version()" function to compare different version numbers::

```python
>>> from pkg_resources import parse_version
>>> parse_version('1.9.a.dev') == parse_version('1.9a0dev')
True
>>> parse_version('2.1-rc2') < parse_version('2.1')
True
>>> parse_version('0.6a9dev-r41475') < parse_version('0.6a9')
True
```

Once you've decided on a version numbering scheme for your project, you can have setuptools automatically tag your in-development releases with various pre- or post-release tags. See the following sections for more details:

* `Tagging and "Daily Build" or "Snapshot" Releases`
* `Managing "Continuous Releases" Using Subversion`
* The `egg_info` command

New and Changed `setup()` Keywords
====================================

The following keyword arguments to `setup()` are added or changed by setuptools. All of them are optional; you do not have to supply them unless you need the associated `setuptools` feature.

`include_package_data`
If set to `True`, this tells setuptools to automatically include any data files it finds inside your package directories that are specified by your `MANIFEST.in` file. For more information, see the section below on `Including Data Files`.

`exclude_package_data`
A dictionary mapping package names to lists of glob patterns that should be excluded from your package directories. You can use this to trim back any excess files included by `include_package_data`. For a complete description and examples, see the section below on `Including Data Files`.

`package_data`
A dictionary mapping package names to lists of glob patterns. For a complete description and examples, see the section below on `Including Data Files`. You do not need to use this option if you are using
``include_package_data``, unless you need to add e.g. files that are generated by your setup script and build process. (And are therefore not in source control or are files that you don't want to include in your source distribution.)

``zip_safe``
A boolean (True or False) flag specifying whether the project can be safely installed and run from a zip file. If this argument is not supplied, the `bdist_egg` command will have to analyze all of your project's contents for possible problems each time it builds an egg.

``install_requires``
A string or list of strings specifying what other distributions need to be installed when this one is. See the section below on 'Declaring Dependencies' for details and examples of the format of this argument.

``entry_points``
A dictionary mapping entry point group names to strings or lists of strings defining the entry points. Entry points are used to support dynamic discovery of services or plugins provided by a project. See 'Dynamic Discovery of Services and Plugins' for details and examples of the format of this argument. In addition, this keyword is used to support `Automatic Script Creation`.

``extras_require``
A dictionary mapping names of "extras" (optional features of your project) to strings or lists of strings specifying what other distributions must be installed to support those features. See the section below on 'Declaring Dependencies' for details and examples of the format of this argument.

``setup_requires``
A string or list of strings specifying what other distributions need to be present in order for the *setup script* to run. `setuptools` will attempt to obtain these (even going so far as to download them using `EasyInstall`) before processing the rest of the setup script or commands. This argument is needed if you are using distutils extensions as part of your build process; for example, extensions that process setup() arguments and turn them into EGG-INFO metadata files.

(Note: projects listed in `setup_requires` will NOT be automatically installed on the system where the setup script is being run. They are simply downloaded to the `.eggs` directory if they're not locally available already. If you want them to be installed, as well as being available when the setup script is run, you should add them to `install_requires` and `setup_requires`).

``dependency_links``
A list of strings naming URLs to be searched when satisfying dependencies.
These links will be used if needed to install packages specified by
``setup_requires`` or ``tests_require``. They will also be written into
the egg's metadata for use by tools like EasyInstall to use when installing
an `.egg` file.

``namespace_packages``
A list of strings naming the project's "namespace packages". A namespace
package is a package that may be split across multiple project
distributions. For example, Zope 3's ``zope`` package is a namespace
package, because subpackages like ``zope.interface`` and ``zope.publisher``
may be distributed separately. The egg runtime system can automatically
merge such subpackages into a single parent package at runtime, as long
as you declare them in each project that contains any subpackages of the
namespace package, and as long as the namespace package's ``__init__.py``
does not contain any code other than a namespace declaration. See the
section below on `Namespace Packages` for more information.

``test_suite``
A string naming a ``unittest.TestCase`` subclass (or a package or module
containing one or more of them, or a method of such a subclass), or naming
a function that can be called with no arguments and returns a
``unittest.TestSuite``. If the named suite is a module, and the module
has an `additional_tests()` function, it is called and the results are
added to the tests to be run. If the named suite is a package, any
submodules and subpackages are recursively added to the overall test suite.

Specifying this argument enables use of the `test` command to run the
specified test suite, e.g. via ``setup.py test``. See the section on the
`test` command below for more details.

``tests_require``
If your project's tests need one or more additional packages besides those
needed to install it, you can use this option to specify them. It should
be a string or list of strings specifying what other distributions need to
be present for the package's tests to run. When you run the `test`
command, `setuptools` will attempt to obtain these (even going
so far as to download them using `EasyInstall`). Note that these
required projects will *not* be installed on the system where the tests
are run, but only downloaded to the project's setup directory if they're
not already installed locally.

.. _test_loader:

``test_loader``
If you would like to use a different way of finding tests to run than what
setuptools normally uses, you can specify a module name and class name in
this argument. The named class must be instantiable with no arguments, and
its instances must support the `loadTestsFromNames()` method as defined
in the Python `unittest` module's `TestLoader` class. Setuptools will pass only one test "name" in the `names` argument: the value supplied for the "test_suite" argument. The loader you specify may interpret this string in any way it likes, as there are no restrictions on what may be contained in a "test_suite" string.

The module name and class name must be separated by a `:`. The default value of this argument is "setuptools.command.test:ScanningLoader". If you want to use the default `unittest` behavior, you can specify "unittest:TestLoader" as your `test_loader` argument instead. This will prevent automatic scanning of submodules and subpackages.

The module and class you specify here may be contained in another package, as long as you use the `tests_require` option to ensure that the package containing the loader class is available when the `test` command is run.

``eager_resources``
A list of strings naming resources that should be extracted together, if any of them is needed, or if any C extensions included in the project are imported. This argument is only useful if the project will be installed as a zipfile, and there is a need to have all of the listed resources be extracted to the filesystem *as a unit*. Resources listed here should be `/`-separated paths, relative to the source root, so to list a resource `foo.png` in package `bar.baz`, you would include the string `bar/baz/foo.png` in this argument.

If you only need to obtain resources one at a time, or you don't have any C extensions that access other files in the project (such as data files or shared libraries), you probably do NOT need this argument and shouldn't mess with it. For more details on how this argument works, see the section below on `Automatic Resource Extraction`.

``use_2to3``
Convert the source code from Python 2 to Python 3 with 2to3 during the build process. See :doc:`python3` for more details.

``convert_2to3_doctests``
List of doctest source files that need to be converted with 2to3. See :doc:`python3` for more details.

``use_2to3_fixers``
A list of modules to search for additional fixers to be used during the 2to3 conversion. See :doc:`python3` for more details.

Using ``find_packages()``
For simple projects, it's usually easy enough to manually add packages to the `packages` argument of `setup()`. However, for very large projects (Twisted, PEAK, Zope, Chandler, etc.), it can be a big burden to keep the package list updated. That's what `setuptools.find_packages()` is for.

`find_packages()` takes a source directory and two lists of package name patterns to exclude and include. If omitted, the source directory defaults to the same directory as the setup script. Some projects use a `src` or `lib` directory as the root of their source tree, and those projects would of course use `''src''` or `''lib''` as the first argument to `find_packages()`. (And such projects also need something like `package_dir = {'': 'src'}` in their `setup()` arguments, but that's just a normal distutils thing.)

Anyway, `find_packages()` walks the target directory, filtering by inclusion patterns, and finds Python packages (any directory). On Python 3.2 and earlier, packages are only recognized if they include an `''__init__.py''` file. Finally, exclusion patterns are applied to remove matching packages.

Inclusion and exclusion patterns are package names, optionally including wildcards. For example, `find_packages(exclude=['*.tests'])` will exclude all packages whose last name part is `''tests''`. Or, `find_packages(exclude=['*.tests', '*.tests.*'])` will also exclude any subpackages of packages named `''tests''`, but it still won't exclude a top-level `''tests''` package or the children thereof. In fact, if you really want no `''tests''` packages at all, you'll need something like this:

```python
find_packages(exclude=['*.tests', '*.tests.*', 'tests.*', 'tests'])
```

in order to cover all the bases. Really, the exclusion patterns are intended to cover simpler use cases than this, like excluding a single, specified package and its subpackages.

Regardless of the parameters, the `find_packages()` function returns a list of package names suitable for use as the `packages` argument to `setup()`, and so is usually the easiest way to set that argument in your setup script. Especially since it frees you from having to remember to modify your setup script whenever your project grows additional top-level packages or subpackages.

**Automatic Script Creation**

Packaging and installing scripts can be a bit awkward with the distutils. For one thing, there's no easy way to have a script's filename match local conventions on both Windows and POSIX platforms. For another, you often have
to create a separate file just for the "main" script, when your actual "main"

is a function in a module somewhere. And even in Python 2.4, using the ``-m``
option only works for actual `.py` files that aren't installed in a package.

``setuptools`` fixes all of these problems by automatically generating scripts
for you with the correct extension, and on Windows it will even create an
``.exe`` file so that users don't have to change their `PATHEXT` settings.
The way to use this feature is to define "entry points" in your setup script
that indicate what function the generated script should import and run. For
example, to create two console scripts called `foo` and `bar`, and a GUI
script called `baz`, you might do something like this:

```python
setup(
    # other arguments here...
    entry_points={
        'console_scripts': [
            'foo = my_package.some_module:main_func',
            'bar = other_module:some_func',
        ],
        'gui_scripts': [
            'baz = my_package_gui:start_func',
        ]
    }
)
```

When this project is installed on non-Windows platforms (using "setup.py
install", "setup.py develop", or by using EasyInstall), a set of `foo`,
`bar`, and `baz` scripts will be installed that import `main_func` and
`some_func` from the specified modules. The functions you specify are called
with no arguments, and their return value is passed to `sys.exit()`, so you
can return an errorlevel or message to print to stderr.

On Windows, a set of `foo.exe`, `bar.exe`, and `baz.exe` launchers are
created, alongside a set of `foo.py`, `bar.py`, and `baz.pyw` files. The
`.exe` wrappers find and execute the right version of Python to run the
`.py` or `.pyw` file.

You may define as many "console script" and "gui script" entry points as you
like, and each one can optionally specify "extras" that it depends on, that
will be added to `sys.path` when the script is run. For more information on
"extras", see the section below on `Declaring Extras`_. For more information
on "entry points" in general, see the section below on `Dynamic Discovery of
Services and Plugins`_.

"Eggsecutable" Scripts

-----------------------
Occasionally, there are situations where it's desirable to make an `.egg` file directly executable. You can do this by including an entry point such as the following:

```python
setup(
    # other arguments here...
    entry_points = {
        'setuptools.installation': [
            'eggsecutable = my_package.some_module:main_func',
        ]
    }
)
```

Any eggs built from the above setup script will include a short executable prelude that imports and calls `main_func()` from `my_package.some_module`.

The prelude can be run on Unix-like platforms (including Mac and Linux) by invoking the egg with `~/bin/sh`, or by enabling execute permissions on the `.egg` file. For the executable prelude to run, the appropriate version of Python must be available via the `PATH` environment variable, under its "long" name. That is, if the egg is built for Python 2.3, there must be a `python2.3` executable present in a directory on `PATH`.

This feature is primarily intended to support ez_setup the installation of setuptools itself on non-Windows platforms, but may also be useful for other projects as well.

IMPORTANT NOTE: Eggs with an "eggsecutable" header cannot be renamed, or invoked via symlinks. They *must* be invoked using their original filename, in order to ensure that, once running, `pkg_resources` will know what project and version is in use. The header script will check this and exit with an error if the `.egg` file has been renamed or is invoked via a symlink that changes its base name.

Declaring Dependencies

=============

``setuptools`` supports automatically installing dependencies when a package is installed, and including information about dependencies in Python Eggs (so that package management tools like EasyInstall can use the information).

``setuptools`` and `pkg_resources` use a common syntax for specifying a project's required dependencies. This syntax consists of a project's PyPI name, optionally followed by a comma-separated list of "extras" in square brackets, optionally followed by a comma-separated list of version specifiers. A version specifier is one of the operators `"<"`, `">"`, `"<="`, `">="`, `"=="`, or `"!="`, followed by a version identifier. Tokens may be separated by whitespace, but any whitespace or nonstandard characters within a
Version specifiers for a given project are internally sorted into ascending version order, and used to establish what ranges of versions are acceptable. Adjacent redundant conditions are also consolidated (e.g. \">1, >2\" becomes \">1\", and \"<2,<3\" becomes \"<3\") \"!=\" versions are excised from the ranges they fall within. A project's version is then checked for membership in the resulting ranges. (Note that providing conflicting conditions for the same version (e.g. ",>2,>=2" or ",==2,!=2") is meaningless and may therefore produce bizarre results.)

Here are some example requirement specifiers:

```
docutils >= 0.3

# comment lines and \ continuations are allowed in requirement strings
BazSpam ==1.1, ==1.2, ==1.3, ==1.4, ==1.5, 
==1.6, ==1.7 # and so are line-end comments

PEAK[FastCGI, reST]>=0.5a4

setuptools==0.5a7
```

The simplest way to include requirement specifiers is to use the \``install_requires`` argument to \``setup()``. It takes a string or list of strings containing requirement specifiers. If you include more than one requirement in a string, each requirement must begin on a new line.

This has three effects:

1. When your project is installed, either by using EasyInstall, \``setup.py install``", or \``setup.py develop``", all of the dependencies not already installed will be located (via PyPI), downloaded, built (if necessary), and installed.

2. Any scripts in your project will be installed with wrappers that verify the availability of the specified dependencies at runtime, and ensure that the correct versions are added to \``sys.path`` (e.g. if multiple versions have been installed).

3. Python Egg distributions will include a metadata file listing the dependencies.

Note, by the way, that if you declare your dependencies in \``setup.py``, you do \*not\* need to use the \``require()`` function in your scripts or modules, as long as you either install the project or use \``setup.py develop`` to do development work on it. (See \"Development Mode\" below for more details on using \``setup.py develop``.)
Dependencies that aren't in PyPI
--------------------------------

If your project depends on packages that aren't registered in PyPI, you may still be able to depend on them, as long as they are available for download as:

- an egg, in the standard distutils ``sdist`` format,
- a single ``.py`` file, or
- a VCS repository (Subversion, Mercurial, or Git).

You just need to add some URLs to the `dependency_links` argument to `setup()`.

The URLs must be either:

1. direct download URLs,
2. the URLs of web pages that contain direct download links, or
3. the repository's URL

In general, it's better to link to web pages, because it is usually less complex to update a web page than to release a new version of your project. You can also use a SourceForge `showfiles.php` link in the case where a package you depend on is distributed via SourceForge.

If you depend on a package that's distributed as a single ``.py`` file, you must include an ``#egg=project-version`` suffix to the URL, to give a project name and version number. (Be sure to escape any dashes in the name or version by replacing them with underscores.) EasyInstall will recognize this suffix and automatically create a trivial `setup.py` to wrap the single ``.py`` file as an egg.

In the case of a VCS checkout, you should also append `#egg=project-version` in order to identify for what package that checkout should be used. You can append `@REV` to the URL's path (before the fragment) to specify a revision. Additionally, you can also force the VCS being used by prepending the URL with a certain prefix. Currently available are:

- `svn+URL` for Subversion,
- `git+URL` for Git, and
- `hg+URL` for Mercurial

A more complete example would be:

```
``vcs+proto://host/path@revision#egg=project-version``
Be careful with the version. It should match the one inside the project files. If you want to disregard the version, you have to omit it both in the `requires` and in the URL’s fragment.

This will do a checkout (or a clone, in Git and Mercurial parlance) to a temporary folder and run `setup.py bdist_egg`.

The `dependency_links` option takes the form of a list of URL strings. For example, the below will cause EasyInstall to search the specified page for eggs or source distributions, if the package's dependencies aren't already installed:

```
setup(
    ...
    dependency_links = [
        "http://peak.telecommunity.com/snapshots/"
    ],
)
```

.. _Declaring Extras:

Declaring "Extras" (optional features with their own dependencies)
------------------------------------------------------------------

Sometimes a project has "recommended" dependencies, that are not required for all uses of the project. For example, a project might offer optional PDF output if ReportLab is installed, and reStructuredText support if docutils is installed. These optional features are called "extras", and setuptools allows you to define their requirements as well. In this way, other projects that require these optional features can force the additional requirements to be installed, by naming the desired extras in their `install_requires`.

For example, let's say that Project A offers optional PDF and reST support:

```
setup(
    name="Project-A",
    ...
    extras_require = {
        'PDF':  ["ReportLab>=1.2", "RXP"],
        'reST': ["docutils>=0.3"],
    }
)
```

As you can see, the `extras_require` argument takes a dictionary mapping names of "extra" features, to strings or lists of strings describing those features' requirements. These requirements will *not* be automatically
installed unless another package depends on them (directly or indirectly) by including the desired "extras" in square brackets after the associated project name. (Or if the extras were listed in a requirement spec on the EasyInstall command line.)

Extras can be used by a project's `entry points` to specify dynamic dependencies. For example, if Project A includes a "rst2pdf" script, it might declare it like this, so that the "PDF" requirements are only resolved if the "rst2pdf" script is run:

```
setup(
    name="Project-A",
    ...
    entry_points = {
        'console_scripts': [
            'rst2pdf = project_a.tools.pdfgen [PDF]',
            'rst2html = project_a.tools.htmlgen',
            # more script entry points ...
        ],
    },
)
```

Projects can also use another project's extras when specifying dependencies. For example, if project B needs "project A" with PDF support installed, it might declare the dependency like this:

```
setup(
    name="Project-B",
    install_requires = ["Project-A[PDF]"],
    ...
)
```

This will cause ReportLab to be installed along with project A, if project B is installed -- even if project A was already installed. In this way, a project can encapsulate groups of optional "downstream dependencies" under a feature name, so that packages that depend on it don't have to know what the downstream dependencies are. If a later version of Project A builds in PDF support and no longer needs ReportLab, or if it ends up needing other dependencies besides ReportLab in order to provide PDF support, Project B's setup information does not need to change, but the right packages will still be installed if needed.

Note, by the way, that if a project ends up not needing any other packages to support a feature, it should keep an empty requirements list for that feature in its `extras_require` argument, so that packages depending on that feature don't break (due to an invalid feature name). For example, if Project A above builds in PDF support and no longer needs ReportLab, it could change its setup to this:
setup(
    name="Project-A",
    ...
    extras_require = {
        'PDF': [],
        'reST': ["docutils>=0.3"],
    }
)

so that Package B doesn't have to remove the `[PDF]` from its requirement specifier.

Including Data Files

The distutils have traditionally allowed installation of "data files", which are placed in a platform-specific location. However, the most common use case for data files distributed with a package is for use *by* the package, usually by including the data files in the package directory.

Setuptools offers three ways to specify data files to be included in your packages. First, you can simply use the `include_package_data` keyword, e.g.::

    from setuptools import setup, find_packages
    setup(
        ...
        include_package_data = True
    )

This tells setuptools to install any data files it finds in your packages. The data files must be specified via the distutils' `MANIFEST.in` file. (They can also be tracked by a revision control system, using an appropriate plugin. See the section below on `Adding Support for Revision Control Systems` for information on how to write such plugins.)

If you want finer-grained control over what files are included (for example, if you have documentation files in your package directories and want to exclude them from installation), then you can also use the `package_data` keyword, e.g.::

    from setuptools import setup, find_packages
    setup(
        ...
        package_data = {
            # If any package contains *.txt or *.rst files, include them:
            "": ["*.txt", "*.rst"],
        }
    )
# And include any *.msg files found in the 'hello' package, too:
'hello': ['*.msg'],
}
)
)

The `package_data` argument is a dictionary that maps from package names to lists of glob patterns. The globs may include subdirectory names, if the data files are contained in a subdirectory of the package. For example, if the package tree looks like this:

```
setup.py
src/
  mypkg/
    __init__.py
    mypkg.txt
  data/
    somefile.dat
    otherdata.dat
```

The setuptools setup file might look like this:

```
from setuptools import setup, find_packages
setup(
...
  packages = find_packages('src'),  # include all packages under src
  package_dir = {'':'src'},   # tell distutils packages are under src

  package_data = {  # If any package contains *.txt files, include them:
    ': ['*.txt'],
    # And include any *.dat files found in the 'data' subdirectory
    # of the 'mypkg' package, also:
    'mypkg': ['data/*.dat'],
  }
)
```

Notice that if you list patterns in `package_data` under the empty string, these patterns are used to find files in every package, even ones that also have their own patterns listed. Thus, in the above example, the `mypkg.txt` file gets included even though it’s not listed in the patterns for `mypkg`.

Also notice that if you use paths, you *must* use a forward slash (`/`) as the path separator, even if you are on Windows. Setuptools automatically converts slashes to appropriate platform-specific separators at build time.

(Nota: although the `package_data` argument was previously only available in `setuptools`, it was also added to the Python `distutils` package as of Python 2.4: there is `some documentation for the feature` available on the
python.org website. If using the setuptools-specific `include_package_data` argument, files specified by `package_data` will *not* be automatically added to the manifest unless they are listed in the MANIFEST.in file.)

__ http://docs.python.org/dist/node11.html

Sometimes, the `include_package_data` or `package_data` options alone aren't sufficient to precisely define what files you want included. For example, you may want to include package README files in your revision control system and source distributions, but exclude them from being installed. So, setuptools offers an `exclude_package_data` option as well, that allows you to do things like this::

```python
from setuptools import setup, find_packages

setup(
    ...  
    packages = find_packages('src'),  # include all packages under src
    package_dir = {'':'src'},   # tell distutils packages are under src

    include_package_data = True,    # include everything in source control

    # ...but exclude README.txt from all packages
    exclude_package_data = { '' : [ 'README.txt' ] },
)
```

The `exclude_package_data` option is a dictionary mapping package names to lists of wildcard patterns, just like the `package_data` option. And, just as with that option, a key of `''` will apply the given pattern(s) to all packages. However, any files that match these patterns will be *excluded* from installation, even if they were listed in `package_data` or were included as a result of using `include_package_data`.

In summary, the three options allow you to:

```
``include_package_data``
   Accept all data files and directories matched by `MANIFEST.in`

``package_data``
   Specify additional patterns to match files and directories that may or may not be matched by `MANIFEST.in` or found in source control.

``exclude_package_data``
   Specify patterns for data files and directories that should *not* be included when a package is installed, even if they would otherwise have been included due to the use of the preceding options.

NOTE: Due to the way the distutils build process works, a data file that you include in your project and then stop including may be "orphaned" in your
project's build directories, requiring you to run ```setup.py clean --all``` to fully remove them. This may also be important for your users and contributors if they track intermediate revisions of your project using Subversion; be sure to let them know when you make changes that remove files from inclusion so they can run ```setup.py clean --all```.

**Accessing Data Files at Runtime**

```
Accessing Data Files at Runtime

Typically, existing programs manipulate a package's ```__file__``` attribute in order to find the location of data files. However, this manipulation isn't compatible with PEP 302-based import hooks, including importing from zip files and Python Eggs. It is strongly recommended that, if you are using data files, you should use the `Resource Management API` of ```pkg_resources``` to access them. The ```pkg_resources``` module is distributed as part of setuptools, so if you're using setuptools to distribute your package, there is no reason not to use its resource management API. See also `Accessing Package Resources` for a quick example of converting code that uses ```__file__``` to use ```pkg_resources``` instead.

.. _Resource Management API: http://peak.telecommunity.com/DevCenter/PythonEggs#resource-management
.. _Accessing Package Resources: http://peak.telecommunity.com/DevCenter/PythonEggs#accessing-package-resources

**Non-Package Data Files**

```
Non-Package Data Files

The ```distutils``` normally install general "data files" to a platform-specific location (e.g. ```/usr/share```). This feature intended to be used for things like documentation, example configuration files, and the like. ```setuptools``` does not install these data files in a separate location, however. They are bundled inside the egg file or directory, alongside the Python modules and packages. The data files can also be accessed using the `Resource Management API`, by specifying a ```Requirement``` instead of a package name::

```
from pkg_resources import Requirement, resource_filename
filename = resource_filename(Requirement.parse("MyProject"),"sample.conf")
```

The above code will obtain the filename of the "sample.conf" file in the data root of the "MyProject" distribution.

Note, by the way, that this encapsulation of data files means that you can't actually install data files to some arbitrary location on a user's machine; this is a feature, not a bug. You can always include a script in your distribution that extracts and copies your the documentation or data files to a user-specified location, at their discretion. If you put related data files
in a single directory, you can use `resource_filename()` with the directory name to get a filesystem directory that then can be copied with the `shutil` module. (Even if your package is installed as a zipfile, calling `resource_filename()` on a directory will return an actual filesystem directory, whose contents will be that entire subtree of your distribution.)

(Of course, if you're writing a new package, you can just as easily place your data files or directories inside one of your packages, rather than using the distutils' approach. However, if you're updating an existing application, it may be simpler not to change the way it currently specifies these data files.)

**Automatic Resource Extraction**

If you are using tools that expect your resources to be "real" files, or your project includes non-extension native libraries or other files that your C extensions expect to be able to access, you may need to list those files in the `eager_resources` argument to `setup()`, so that the files will be extracted together, whenever a C extension in the project is imported.

This is especially important if your project includes shared libraries *other* than distutils-built C extensions, and those shared libraries use file extensions other than `.dll`, `.so`, or `.dylib`, which are the extensions that setuptools 0.6a8 and higher automatically detects as shared libraries and adds to the `native_libs.txt` file for you. Any shared libraries whose names do not end with one of those extensions should be listed as `eager_resources`, because they need to be present in the filesystem when he C extensions that link to them are used.

The `pkg_resources` runtime for compressed packages will automatically extract *all* C extensions and `eager_resources` at the same time, whenever *any* C extension or eager resource is requested via the `resource_filename()` API. (C extensions are imported using `resource_filename()` internally.) This ensures that C extensions will see all of the "real" files that they expect to see.

Note also that you can list directory resource names in `eager_resources` as well, in which case the directory's contents (including subdirectories) will be extracted whenever any C extension or eager resource is requested.

Please note that if you're not sure whether you need to use this argument, you don't! It's really intended to support projects with lots of non-Python dependencies and as a last resort for crufty projects that can't otherwise handle being compressed. If your package is pure Python, Python plus data files, or Python plus C, you really don't need this. You've got to be using either C or an external program that needs "real" files in your project before there's any possibility of `eager_resources` being relevant to your project.
Dynamic Discovery of Services and Plugins

``setuptools`` supports creating libraries that "plug in" to extensible applications and frameworks, by letting you register "entry points" in your project that can be imported by the application or framework.

For example, suppose that a blogging tool wants to support plugins that provide translation for various file types to the blog's output format. The framework might define an "entry point group" called ``blogtool.parsers``, and then allow plugins to register entry points for the file extensions they support.

This would allow people to create distributions that contain one or more parsers for different file types, and then the blogging tool would be able to find the parsers at runtime by looking up an entry point for the file extension (or mime type, or however it wants to).

Note that if the blogging tool includes parsers for certain file formats, it can register these as entry points in its own setup script, which means it doesn't have to special-case its built-in formats. They can just be treated the same as any other plugin's entry points would be.

If you're creating a project that plugs in to an existing application or framework, you'll need to know what entry points or entry point groups are defined by that application or framework. Then, you can register entry points in your setup script. Here are a few examples of ways you might register an ``.rst`` file parser entry point in the ``blogtool.parsers`` entry point group, for our hypothetical blogging tool:

```python
setup(
    # ...
    entry_points = {
        'blogtool.parsers': '.rst = some_module:SomeClass'}
)
```

```python
setup(
    # ...
    entry_points = {
        'blogtool.parsers': ['.rst = some_module:a_func']}
)
```
setup(  
    # ...  
    entry_points = """"  
        [blogtool.parsers]  
          .rst = some.nested.module:SomeClass.some_classmethod [reST]  
        """,  
    extras_require = dict(reST = "Docutils>=0.3.5")  
)

The `entry_points` argument to `setup()` accepts either a string with `.ini`-style sections, or a dictionary mapping entry point group names to either strings or lists of strings containing entry point specifiers. An entry point specifier consists of a name and value, separated by an `=` sign. The value consists of a dotted module name, optionally followed by a `:` and a dotted identifier naming an object within the module. It can also include a bracketed list of "extras" that are required for the entry point to be used. When the invoking application or framework requests loading of an entry point, any requirements implied by the associated extras will be passed to `pkg_resources.require()`, so that an appropriate error message can be displayed if the needed package(s) are missing. (Of course, the invoking app or framework can ignore such errors if it wants to make an entry point optional if a requirement isn't installed.)

**Defining Additional Metadata**

Some extensible applications and frameworks may need to define their own kinds of metadata to include in eggs, which they can then access using the `pkg_resources` metadata APIs. Ordinarily, this is done by having plugin developers include additional files in their `ProjectName.egg-info` directory. However, since it can be tedious to create such files by hand, you may want to create a distutils extension that will create the necessary files from arguments to `setup()`, in much the same way that `setuptools` does for many of the `setup()` arguments it adds. See the section below on `Creating distutils Extensions` for more details, especially the subsection on `Adding new EGG-INFO Files`.

"Development Mode"

Under normal circumstances, the `distutils` assume that you are going to build a distribution of your project, not use it in its "raw" or "unbuilt" form. If you were to use the `distutils` that way, you would have to rebuild and reinstall your project every time you made a change to it during development.
Another problem that sometimes comes up with the "distutils" is that you may need to do development on two related projects at the same time. You may need to put both projects' packages in the same directory to run them, but need to keep them separate for revision control purposes. How can you do this?

Setuptools allows you to deploy your projects for use in a common directory or staging area, but without copying any files. Thus, you can edit each project's code in its checkout directory, and only need to run build commands when you change a project's C extensions or similarly compiled files. You can even deploy a project into another project's checkout directory, if that's your preferred way of working (as opposed to using a common independent staging area or the site-packages directory).

To do this, use the "setup.py develop" command. It works very similarly to "setup.py install" or the EasyInstall tool, except that it doesn't actually install anything. Instead, it creates a special "egg-link" file in the deployment directory, that links to your project's source code. And, if your deployment directory is Python's "site-packages" directory, it will also update the "easy-install.pth" file to include your project's source code, thereby making it available on "sys.path" for all programs using that Python installation.

If you have enabled the "use_2to3" flag, then of course the "egg-link" will not link directly to your source code when run under Python 3, since that source code would be made for Python 2 and not work under Python 3. Instead the "setup.py develop" will build Python 3 code under the "build" directory, and link there. This means that after doing code changes you will have to run "setup.py build" before these changes are picked up by your Python 3 installation.

In addition, the "develop" command creates wrapper scripts in the target script directory that will run your in-development scripts after ensuring that all your "install_requires" packages are available on "sys.path".

You can deploy the same project to multiple staging areas, e.g. if you have multiple projects on the same machine that are sharing the same project you're doing development work.

When you're done with a given development task, you can remove the project source from a staging area using "setup.py develop --uninstall", specifying the desired staging area if it's not the default.

There are several options to control the precise behavior of the "develop" command; see the section on the "develop" command below for more details.

Note that you can also apply setuptools commands to non-setuptools projects, using commands like this::
python -c "import setuptools; execfile(setup.py)" develop

That is, you can simply list the normal setup commands and options following the quoted part.

Distributing a `setuptools`-based project
===========================================

Using `setuptools`... Without bundling it!
---------------------------------------------

Your users might not have `setuptools` installed on their machines, or even if they do, it might not be the right version. Fixing this is easy; just download `ez_setup.py`, and put it in the same directory as your `setup.py` script. (Be sure to add it to your revision control system, too.) Then add these two lines to the very top of your setup script, before the script imports anything from setuptools:

```
.. code-block:: python

    import ez_setup
    ez_setup.use_setuptools()
```

That's it. The `ez_setup` module will automatically download a matching version of `setuptools` from PyPI, if it isn't present on the target system. Whenever you install an updated version of setuptools, you should also update your projects' `ez_setup.py` files, so that a matching version gets installed on the target machine(s).

By the way, setuptools supports the new PyPI "upload" command, so you can use `setup.py sdist upload` or `setup.py bdist_egg upload` to upload your source or egg distributions respectively. Your project's current version must be registered with PyPI first, of course; you can use `setup.py register` to do that. Or you can do it all in one step, e.g. `setup.py register sdist bdist_egg upload` will register the package, build source and egg distributions, and then upload them both to PyPI, where they'll be easily found by other projects that depend on them.

(By the way, if you need to distribute a specific version of `setuptools`, you can specify the exact version and base download URL as parameters to the `use_setuptools()` function. See the function's docstring for details.)

What Your Users Should Know
---------------------------

In general, a setuptools-based project looks just like any distutils-based
project -- as long as your users have an internet connection and are installing
to ``site-packages``, that is. But for some users, these conditions don't
apply, and they may become frustrated if this is their first encounter with
a setuptools-based project. To keep these users happy, you should review the
following topics in your project's installation instructions, if they are
relevant to your project and your target audience isn't already familiar with
setuptools and ``easy_install``.

Network Access
If your project is using ``ez_setup``, you should inform users of the
need to either have network access, or to preinstall the correct version of
setuptools using the `EasyInstall installation instructions`_. Those
instructions also have tips for dealing with firewalls as well as how to
manually download and install setuptools.

Custom Installation Locations
You should inform your users that if they are installing your project to
somewhere other than the main ``site-packages`` directory, they should
first install setuptools using the instructions for `Custom Installation
Locations`_, before installing your project.

Your Project's Dependencies
If your project depends on other projects that may need to be downloaded
from PyPI or elsewhere, you should list them in your installation
instructions, or tell users how to find out what they are. While most
users will not need this information, any users who don't have unrestricted
internet access may have to find, download, and install the other projects
manually. (Note, however, that they must still install those projects
using ``easy_install``, or your project will not know they are installed,
and your setup script will try to download them again.)

If you want to be especially friendly to users with limited network access,
you may wish to build eggs for your project and its dependencies, making
them all available for download from your site, or at least create a page
with links to all of the needed eggs. In this way, users with limited
network access can manually download all the eggs to a single directory,
then use the ``-f`` option of ``easy_install`` to specify the directory
to find eggs in. Users who have full network access can just use ``-f``
with the URL of your download page, and ``easy_install`` will find all the
needed eggs using your links directly. This is also useful when your
target audience isn't able to compile packages (e.g. most Windows users)
and your package or some of its dependencies include C code.

Revision Control System Users and Co-Developers
Users and co-developers who are tracking your in-development code using
a revision control system should probably read this manual's sections
regarding such development. Alternately, you may wish to create a
quick-reference guide containing the tips from this manual that apply to
your particular situation. For example, if you recommend that people use
``setup.py develop`` when tracking your in-development code, you should let
them know that this needs to be run after every update or commit.

Similarly, if you remove modules or data files from your project, you
should remind them to run ``setup.py clean --all`` and delete any obsolete
``.pyc`` or ``.pyo``. (This tip applies to the distutils in general, not
just setuptools, but not everybody knows about them; be kind to your users
by spelling out your project's best practices rather than leaving them
guessing.)

Creating System Packages

Some users want to manage all Python packages using a single package
manager, and sometimes that package manager isn't ``easy_install``!
Setuptools currently supports ``bdist_rpm``, ``bdist_wininst``, and
``bdist_dumb`` formats for system packaging. If a user has a locally-
installed "bdist" packaging tool that internally uses the distutils
``install`` command, it should be able to work with ``setuptools``. Some
examples of "bdist" formats that this should work with include the
``bdist_msi`` and ``bdist_msi`` formats for Windows.

However, packaging tools that build binary distributions by running
``setup.py install`` on the command line or as a subprocess will require
modification to work with setuptools. They should use the
``--single-version-externally-managed`` option to the ``install`` command,
combined with the standard ``--root`` or ``--record`` options.
See the `install command`_ documentation below for more details. The
``bdist_deb`` command is an example of a command that currently requires
this kind of patching to work with setuptools.

If you or your users have a problem building a usable system package for
your project, please report the problem via the mailing list so that
either the "bdist" tool in question or setuptools can be modified to
resolve the issue.

Setting the ``zip_safe`` flag
----------------------------

For maximum performance, Python packages are best installed as zip files.
Not all packages, however, are capable of running in compressed form, because
they may expect to be able to access either source code or data files as
normal operating system files. So, ``setuptools`` can install your project
as a zipfile or a directory, and its default choice is determined by the
project's ``zip_safe`` flag.

You can pass a True or False value for the ``zip_safe`` argument to the
``setup()`` function, or you can omit it. If you omit it, the ``bdist_egg``
command will analyze your project's contents to see if it can detect any conditions that would prevent it from working in a zipfile. It will output notices to the console about any such conditions that it finds.

Currently, this analysis is extremely conservative: it will consider the project unsafe if it contains any C extensions or datafiles whatsoever. This does *not* mean that the project can't or won't work as a zipfile! It just means that the ``bdist_egg`` authors aren't yet comfortable asserting that the project *will* work. If the project contains no C or data files, and does no ``__file__`` or ``__path__`` introspection or source code manipulation, then there is an extremely solid chance the project will work when installed as a zipfile. (And if the project uses ``pkg_resources`` for all its data file access, then C extensions and other data files shouldn't be a problem at all. See the `Accessing Data Files at Runtime`_ section above for more information.)

However, if ``bdist_egg`` can't be *sure* that your package will work, but you've checked over all the warnings it issued, and you are either satisfied it *will* work (or if you want to try it for yourself), then you should set ``zip_safe`` to ``True`` in your ``setup()`` call. If it turns out that it doesn't work, you can always change it to ``False``, which will force ``setuptools`` to install your project as a directory rather than as a zipfile.

Of course, the end-user can still override either decision, if they are using EasyInstall to install your package. And, if you want to override for testing purposes, you can just run ``setup.py easy_install --zip-ok .`` or ``setup.py easy_install --always-unzip .`` in your project directory, to install the package as a zipfile or directory, respectively.

In the future, as we gain more experience with different packages and become more satisfied with the robustness of the ``pkg_resources`` runtime, the "zip safety" analysis may become less conservative. However, we strongly recommend that you determine for yourself whether your project functions correctly when installed as a zipfile, correct any problems if you can, and then make an explicit declaration of ``True`` or ``False`` for the ``zip_safe`` flag, so that it will not be necessary for ``bdist_egg`` or ``EasyInstall`` to try to guess whether your project can work as a zipfile.

Namespace Packages

Sometimes, a large package is more useful if distributed as a collection of smaller eggs. However, Python does not normally allow the contents of a package to be retrieved from more than one location. "Namespace packages" are a solution for this problem. When you declare a package to be a namespace package, it means that the package has no meaningful contents in its ``__init__.py``, and that it is merely a container for modules and subpackages.
The `pkg_resources` runtime will then automatically ensure that the contents of namespace packages that are spread over multiple eggs or directories are combined into a single "virtual" package.

The `namespace_packages` argument to `setup()` lets you declare your project's namespace packages, so that they will be included in your project's metadata. The argument should list the namespace packages that the egg participates in. For example, the ZopeInterface project might do this::

```python
setup(  
  # ...
  namespace_packages = ['zope']
)
```

because it contains a `zope.interface` package that lives in the `zope` namespace package. Similarly, a project for a standalone `zope.publisher` would also declare the `zope` namespace package. When these projects are installed and used, Python will see them both as part of a "virtual" `zope` package, even though they will be installed in different locations.

Namespace packages don't have to be top-level packages. For example, Zope 3's `zope.app` package is a namespace package, and in the future PEAK's `peak.util` package will be too.

Note, by the way, that your project's source tree must include the namespace packages' `__init__.py` files (and the `__init__.py` of any parent packages), in a normal Python package layout. These `__init__.py` files *must* contain the line::

```python
__import__('pkg_resources').declare_namespace(__name__)
```

This code ensures that the namespace package machinery is operating and that the current package is registered as a namespace package.

You must NOT include any other code and data in a namespace package's `__init__.py`. Even though it may appear to work during development, or when projects are installed as `.egg` files, it will not work when the projects are installed using "system" packaging tools -- in such cases the `__init__.py` files will not be installed, let alone executed.

You must include the `declare_namespace()` line in the `__init__.py` of *every* project that has contents for the namespace package in question, in order to ensure that the namespace will be declared regardless of which project's copy of `__init__.py` is loaded first. If the first loaded `__init__.py` doesn't declare it, it will never *be* declared, because no other copies will ever be loaded!
TRANSITIONAL NOTE
~~~~~~~~~~~~~~~~~~

Setuptools automatically calls ```declare_namespace()``` for you at runtime, but future versions may *not*. This is because the automatic declaration feature has some negative side effects, such as needing to import all namespace packages during the initialization of the ```pkg_resources``` runtime, and also the need for ```pkg_resources``` to be explicitly imported before any namespace packages work at all. In some future releases, you'll be responsible for including your own declaration lines, and the automatic declaration feature will be dropped to get rid of the negative side effects.

During the remainder of the current development cycle, therefore, setuptools will warn you about missing ```declare_namespace()``` calls in your ```__init__.py``` files, and you should correct these as soon as possible before the compatibility support is removed. Namespace packages without declaration lines will not work correctly once a user has upgraded to a later version, so it's important that you make this change now in order to avoid having your code break in the field. Our apologies for the inconvenience, and thank you for your patience.

Tagging and "Daily Build" or "Snapshot" Releases
------------------------------------------------

When a set of related projects are under development, it may be important to track finer-grained version increments than you would normally use for e.g. "stable" releases. While stable releases might be measured in dotted numbers with alpha/beta/etc. status codes, development versions of a project often need to be tracked by revision or build number or even build date. This is especially true when projects in development need to refer to one another, and therefore may literally need an up-to-the-minute version of something!

To support these scenarios, ```setuptools``` allows you to "tag" your source and egg distributions by adding one or more of the following to the project's "official" version identifier:

* A manually-specified pre-release tag, such as "build" or "dev", or a manually-specified post-release tag, such as a build or revision number (```--tag-build=STRING, -bSTRING``)

* A "last-modified revision number" string generated automatically from Subversion's metadata (assuming your project is being built from a Subversion "working copy") (```--tag-svn-revision, -r``)

* An 8-character representation of the build date (```--tag-date, -d``), as a postrelease tag
You can add these tags by adding ``egg_info`` and the desired options to the command line ahead of the ``sdist`` or ``bdist`` commands that you want to generate a daily build or snapshot for. See the section below on the `egg_info` command for more details.

(Also, before you release your project, be sure to see the section above on Specifying Your Project's Version for more information about how pre- and post-release tags affect how setuptools and EasyInstall interpret version numbers. This is important in order to make sure that dependency processing tools will know which versions of your project are newer than others.)

Finally, if you are creating builds frequently, and either building them in a downloadable location or are copying them to a distribution server, you should probably also check out the `rotate` command, which lets you automatically delete all but the N most-recently-modified distributions matching a glob pattern. So, you can use a command line like::

```
setup.py egg_info -rbDEV bdist_egg rotate -m .egg -k3
```

to build an egg whose version info includes 'DEV-rNNNN' (where NNNN is the most recent Subversion revision that affected the source tree), and then delete any egg files from the distribution directory except for the three that were built most recently.

If you have to manage automated builds for multiple packages, each with different tagging and rotation policies, you may also want to check out the `alias` command, which would let each package define an alias like ``daily`` that would perform the necessary tag, build, and rotate commands. Then, a simpler script or cron job could just run ``setup.py daily`` in each project directory. (And, you could also define sitewide or per-user default versions of the ``daily`` alias, so that projects that didn't define their own would use the appropriate defaults.)

Generating Source Distributions
---------------------------------

``setuptools`` enhances the distutils' default algorithm for source file selection with pluggable endpoints for looking up files to include. If you are using a revision control system, and your source distributions only need to include files that you're tracking in revision control, use a corresponding plugin instead of writing a ``MANIFEST.in`` file. See the section below on Adding Support for Revision Control Systems for information on plugins.

If you need to include automatically generated files, or files that are kept in an unsupported revision control system, you'll need to create a `MANIFEST.in` file to specify any files that the default file location algorithm doesn't
catch. See the distutils documentation for more information on the format of the ``MANIFEST.in`` file.

But, be sure to ignore any part of the distutils documentation that deals with `MANIFEST` or how it's generated from ``MANIFEST.in``; setuptools shields you from these issues and doesn't work the same way in any case. Unlike the distutils, setuptools regenerates the source distribution manifest file every time you build a source distribution, and it builds it inside the project's `.egg-info` directory, out of the way of your main project directory. You therefore need not worry about whether it is up-to-date or not.

Indeed, because setuptools' approach to determining the contents of a source distribution is so much simpler, its `sdist` command omits nearly all of the options that the distutils' more complex `sdist` process requires. For all practical purposes, you'll probably use only the `--formats` option, if you use any option at all.

Making your package available for EasyInstall
---------------------------------------------

If you use the `register` command (`setup.py register`) to register your package with PyPI, that's most of the battle right there. (See the docs for the register command for more details.)

.. _docs for the register command: http://docs.python.org/dist/package-index.html

If you also use the `upload` command to upload actual distributions of your package, that's even better, because EasyInstall will be able to find and download them directly from your project's PyPI page.

However, there may be reasons why you don't want to upload distributions to PyPI, and just want your existing distributions (or perhaps a Subversion checkout) to be used instead.

So here's what you need to do before running the `register` command. There are three `setup()` arguments that affect EasyInstall:

``url`` and ``download_url``
These become links on your project's PyPI page. EasyInstall will examine them to see if they link to a package ("primary links"), or whether they are HTML pages. If they're HTML pages, EasyInstall scans all HREF's on the page for primary links

``long_description``
EasyInstall will check any URLs contained in this argument to see if they are primary links.

A URL is considered a "primary link" if it is a link to a .tar.gz, .tgz, .zip, 
.egg, .egg.zip, .tar.bz2, or .exe file, or if it has an ``#egg=project`` or 
``#egg=project-version`` fragment identifier attached to it. EasyInstall 
tries to determine a project name and optional version number from the text 
of a primary link *without* downloading it. When it has found all the primary 
links, EasyInstall will select the best match based on requested version, 
platform compatibility, and other criteria.

So, if your `url` or `download_url` point either directly to a downloadable 
source distribution, or to HTML page(s) that have direct links to such, then 
EasyInstall will be able to locate downloads automatically. If you want to 
make Subversion checkouts available, then you should create links with either 
``#egg=project`` or ``#egg=project-version`` added to the URL. You should 
replace `project` and `version` with the values they would have in an egg 
filename. (Be sure to actually generate an egg and then use the initial part 
of the filename, rather than trying to guess what the escaped form of the 
project name and version number will be.)

Note that Subversion checkout links are of lower precedence than other kinds 
of distributions, so EasyInstall will not select a Subversion checkout for 
downloading unless it has a version included in the ``#egg=`` suffix, and 
it's a higher version than EasyInstall has seen in any other links for your 
project.

As a result, it's a common practice to use mark checkout URLs with a version of 
"dev" (i.e., ``#egg=projectname-dev``), so that users can do something like 
this::

    easy_install --editable projectname==dev

in order to check out the in-development version of `projectname`.

Managing "Continuous Releases” Using Subversion
-----------------------------------------------

If you expect your users to track in-development versions of your project via 
Subversion, there are a few additional steps you should take to ensure that 
things work smoothly with EasyInstall. First, you should add the following 
to your project's `setup.cfg` file:

```
.. code-block:: ini

[egg_info]
tag_build = .dev
tag_svn_revision = 1
```

This will tell `setuptools` to generate package version numbers like
"1.0a1.dev-r1263", which will be considered to be an *older* release than
"1.0a1". Thus, when you actually release "1.0a1", the entire egg
infrastructure (including "setuptools", "pkg_resources" and EasyInstall)
will know that "1.0a1" supersedes any interim snapshots from Subversion, and
handle upgrades accordingly.

(Note: the project version number you specify in `setup.py` should always be
the *next* version of your software, not the last released version.
Alternately, you can leave out the "tag_build=.dev", and always use the
*last* release as a version number, so that your post-1.0 builds are labelled
"1.0-r1263", indicating a post-1.0 patchlevel. Most projects so far,
however, seem to prefer to think of their project as being a future version
still under development, rather than a past version being patched. It is of
course possible for a single project to have both situations, using
post-release numbering on release branches, and pre-release numbering on the
trunk. But you don't have to make things this complex if you don't want to.)

Commonly, projects releasing code from Subversion will include a PyPI link to
their checkout URL (as described in the previous section) with an
"#egg=projectname-dev" suffix. This allows users to request EasyInstall
to download `projectname==dev` in order to get the latest in-development
code. Note that if your project depends on such in-progress code, you may wish
to specify your "install_requires" (or other requirements) to include
"==dev", e.g.:

```python
install_requires = ['OtherProject>=0.2a1.dev-r143,==dev']
```

The above example says, "I really want at least this particular development
revision number, but feel free to follow and use an "#egg=OtherProject-dev"
link if you find one". This avoids the need to have actual source or binary
distribution snapshots of in-development code available, just to be able to
depend on the latest and greatest a project has to offer.

A final note for Subversion development: if you are using SVN revision tags
as described in this section, it's a good idea to run `setup.py develop`
after each Subversion checkin or update, because your project's version number
will be changing, and your script wrappers need to be updated accordingly.

Also, if the project's requirements have changed, the `develop` command will
take care of fetching the updated dependencies, building changed extensions,
etc. Be sure to also remind any of your users who check out your project
from Subversion that they need to run `setup.py develop` after every update
in order to keep their checkout completely in sync.

Making "Official" (Non-Snapshot) Releases
When you make an official release, creating source or binary distributions, you will need to override the tag settings from ``setup.cfg``, so that you don't end up registering versions like ``foobar-0.7a1.dev-r34832``. This is easy to do if you are developing on the trunk and using tags or branches for your releases - just make the change to ``setup.cfg`` after branching or tagging the release, so the trunk will still produce development snapshots.

Alternately, if you are not branching for releases, you can override the default version options on the command line, using something like::

    python setup.py egg_info -RDb "" sdist bdist_egg register upload

The first part of this command (``egg_info -RDb ""``) will override the configured tag information, before creating source and binary eggs, registering the project with PyPI, and uploading the files. Thus, these commands will use the plain version from your ``setup.py``, without adding the Subversion revision number or build designation string.

Of course, if you will be doing this a lot, you may wish to create a personal alias for this operation, e.g.::

    python setup.py alias -u release egg_info -RDb ""

You can then use it like this::<br/>

    python setup.py release sdist bdist_egg register upload

Or of course you can create more elaborate aliases that do all of the above. See the sections below on the `egg_info`_ and `alias`_ commands for more ideas.

Distributing Extensions compiled with Pyrex
-------------------------------------------

``setuptools`` includes transparent support for building Pyrex extensions, as long as you define your extensions using ``setuptools.Extension``, *not* ``distutils.Extension``. You must also not import anything from Pyrex in your setup script.

If you follow these rules, you can safely list ``.pyx`` files as the source of your ``Extension`` objects in the setup script. ``setuptools`` will detect at build time whether Pyrex is installed or not. If it is, then ``setuptools`` will use it. If not, then ``setuptools`` will silently change the ``Extension`` objects to refer to the ``.c`` counterparts of the ``.pyx`` files, so that the normal distutils C compilation process will occur.
Of course, for this to work, your source distributions must include the C code generated by Pyrex, as well as your original `.pyx` files. This means that you will probably want to include current `.c` files in your revision control system, rebuilding them whenever you check changes in for the `.pyx` source files. This will ensure that people tracking your project in a revision control system will be able to build it even if they don't have Pyrex installed, and that your source releases will be similarly usable with or without Pyrex.

-----------------

Command Reference
-----------------

.. _alias:

``alias`` - Define shortcuts for commonly used commands

=====================================================================================================

Sometimes, you need to use the same commands over and over, but you can't necessarily set them as defaults. For example, if you produce both development snapshot releases and "stable" releases of a project, you may want to put the distributions in different places, or use different `egg_info` tagging options, etc. In these cases, it doesn't make sense to set the options in a distutils configuration file, because the values of the options changed based on what you're trying to do.

Setuptools therefore allows you to define "aliases" - shortcut names for an arbitrary string of commands and options, using `setup.py alias aliasname expansion`, where aliasname is the name of the new alias, and the remainder of the command line supplies its expansion. For example, this command defines a sitewide alias called "daily", that sets various `egg_info` tagging options:

```
setup.py alias --global-config daily egg_info --tag-svn-revision \
   --tag-build=development
```

Once the alias is defined, it can then be used with other setup commands, e.g.:

```
setup.py daily bdist_egg  # generate a daily-build .egg file
setup.py daily sdist      # generate a daily-build source distro
setup.py daily sdist bdist_egg  # generate both
```

The above commands are interpreted as if the word `daily` were replaced with `egg_info --tag-svn-revision --tag-build=development`. 
Note that setuptools will expand each alias *at most once* in a given command line. This serves two purposes. First, if you accidentally create an alias loop, it will have no effect; you'll instead get an error message about an unknown command. Second, it allows you to define an alias for a command, that uses that command. For example, this (project-local) alias:

    setup.py alias bdist_egg bdist_egg rotate -k1 -m.egg

redefines the ``bdist_egg`` command so that it always runs the ``rotate`` command afterwards to delete all but the newest egg file. It doesn't loop indefinitely on ``bdist_egg`` because the alias is only expanded once when used.

You can remove a defined alias with the ``--remove`` (or ``-r``) option, e.g.::

    setup.py alias --global-config --remove daily

would delete the "daily" alias we defined above.

Aliases can be defined on a project-specific, per-user, or sitewide basis. The default is to define or remove a project-specific alias, but you can use any of the `configuration file options` (listed under the `saveopts` command, below) to determine which distutils configuration file an aliases will be added to (or removed from).

Note that if you omit the "expansion" argument to the ``alias`` command, you'll get output showing that alias' current definition (and what configuration file it's defined in). If you omit the alias name as well, you'll get a listing of all current aliases along with their configuration file locations.

``bdist_egg`` - Create a Python Egg for the project

This command generates a Python Egg (``.egg`` file) for the project. Python Eggs are the preferred binary distribution format for EasyInstall, because they are cross-platform (for "pure" packages), directly importable, and contain project metadata including scripts and information about the project's dependencies. They can be simply downloaded and added to ``sys.path`` directly, or they can be placed in a directory on ``sys.path`` and then automatically discovered by the egg runtime system.

This command runs the `egg_info` command (if it hasn't already run) to update the project's metadata (``.egg-info``) directory. If you have added any extra metadata files to the ``.egg-info`` directory, those files will be included in the new egg file's metadata directory, for use by the egg runtime system or by any applications or frameworks that use that metadata.
You won't usually need to specify any special options for this command; just use `bdist_egg` and you're done. But there are a few options that may be occasionally useful:

```
--dist-dir=DIR, -d DIR
Set the directory where the `.egg` file will be placed. If you don't supply this, then the `--dist-dir` setting of the `bdist` command will be used, which is usually a directory named `dist` in the project directory.

--plat-name=PLATFORM, -p PLATFORM
Set the platform name string that will be embedded in the egg's filename (assuming the egg contains C extensions). This can be used to override the distutils default platform name with something more meaningful. Keep in mind, however, that the egg runtime system expects to see eggs with distutils platform names, so it may ignore or reject eggs with non-standard platform names. Similarly, the EasyInstall program may ignore them when searching web pages for download links. However, if you are cross-compiling or doing some other unusual things, you might find a use for this option.

--exclude-source-files
Don't include any modules' `.py` files in the egg, just compiled Python, C, and data files. (Note that this doesn't affect any `.py` files in the EGG-INFO directory or its subdirectories, since for example there may be scripts with a `.py` extension which must still be retained.) We don't recommend that you use this option except for packages that are being bundled for proprietary end-user applications, or for "embedded" scenarios where space is at an absolute premium. On the other hand, if your package is going to be installed and used in compressed form, you might as well exclude the source because Python's `traceback` module doesn't currently understand how to display zipped source code anyway, or how to deal with files that are in a different place from where their code was compiled.

There are also some options you will probably never need, but which are there because they were copied from similar `bdist` commands used as an example for creating this one. They may be useful for testing and debugging, however, which is why we kept them:

--keep-temp, -k
Keep the contents of the `--dist-dir` tree around after creating the `.egg` file.

-bdist-dir=DIR, -b DIR
Set the temporary directory for creating the distribution. The entire contents of this directory are zipped to create the `.egg` file, after running various installation commands to copy the package's modules, data,
and extensions here.

``--skip-build``

Skip doing any "build" commands; just go straight to the install-and-compress phases.

``develop`` - Deploy the project source in "Development Mode"

This command allows you to deploy your project's source for use in one or more "staging areas" where it will be available for importing. This deployment is done in such a way that changes to the project source are immediately available in the staging area(s), without needing to run a build or install step after each change.

The ``develop`` command works by creating an ``.egg-link`` file (named for the project) in the given staging area. If the staging area is Python's ``site-packages`` directory, it also updates an ``easy-install.pth`` file so that the project is on ``sys.path`` by default for all programs run using that Python installation.

The ``develop`` command also installs wrapper scripts in the staging area (or a separate directory, as specified) that will ensure the project's dependencies are available on ``sys.path`` before running the project's source scripts. And, it ensures that any missing project dependencies are available in the staging area, by downloading and installing them if necessary.

Last, but not least, the ``develop`` command invokes the ``build_ext -i`` command to ensure any C extensions in the project have been built and are up-to-date, and the ``egg_info`` command to ensure the project's metadata is updated (so that the runtime and wrappers know what the project's dependencies are). If you make any changes to the project's setup script or C extensions, you should rerun the ``develop`` command against all relevant staging areas to keep the project's scripts, metadata and extensions up-to-date. Most other kinds of changes to your project should not require any build operations or rerunning ``develop``, but keep in mind that even minor changes to the setup script (e.g. changing an entry point definition) require you to re-run the ``develop`` or ``test`` commands to keep the distribution updated.

Here are some of the options that the ``develop`` command accepts. Note that they affect the project's dependencies as well as the project itself, so if you have dependencies that need to be installed and you use ``--exclude-scripts`` (for example), the dependencies' scripts will not be installed either! For this reason, you may want to use EasyInstall to install the project's dependencies before using the ``develop`` command, if you need finer control.
over the installation options for dependencies.

``--uninstall, -u``

Un-deploy the current project. You may use the ``--install-dir`` or ``-d`` option to designate the staging area. The created ``.egg-link`` file will be removed, if present and it is still pointing to the project directory. The project directory will be removed from easy-install.pth if the staging area is Python's `site-packages` directory.

Note that this option currently does *not* uninstall script wrappers! You must uninstall them yourself, or overwrite them by using EasyInstall to activate a different version of the package. You can also avoid installing script wrappers in the first place, if you use the ``--exclude-scripts`` (aka ``-x``) option when you run ``develop`` to deploy the project.

``--multi-version, -m``

"Multi-version" mode. Specifying this option prevents `develop` from adding an easy-install.pth entry for the project(s) being deployed, and if an entry for any version of a project already exists, the entry will be removed upon successful deployment. In multi-version mode, no specific version of the package is available for importing, unless you use `pkg_resources.require()` to put it on `sys.path`, or you are running a wrapper script generated by `setuptools` or EasyInstall. (In which case the wrapper script calls `require()` for you.)

Note that if you install to a directory other than `site-packages`, this option is automatically in effect, because `.pth` files can only be used in `site-packages` (at least in Python 2.3 and 2.4). So, if you use the `--install-dir` or `--d` option (or they are set via configuration file(s)) your project and its dependencies will be deployed in multi-version mode.

``--install-dir=DIR, -d DIR``

Set the installation directory (staging area). If this option is not directly specified on the command line or in a distutils configuration file, the distutils default installation location is used. Normally, this will be the `site-packages` directory, but if you are using distutils configuration files, setting things like `prefix` or `install_lib`, then those settings are taken into account when computing the default staging area.

``--script-dir=DIR, -s DIR``

Set the script installation directory. If you don't supply this option (via the command line or a configuration file), but you *have* supplied an `--install-dir` (via command line or config file), then this option defaults to the same directory, so that the scripts will be able to find their associated package installation. Otherwise, this setting defaults to the location where the distutils would normally install scripts, taking
any distutils configuration file settings into account.

``--exclude-scripts, -x``
Don't deploy script wrappers. This is useful if you don't want to disturb existing versions of the scripts in the staging area.

``--always-copy, -a``
Copy all needed distributions to the staging area, even if they are already present in another directory on `sys.path`. By default, if a requirement can be met using a distribution that is already available in a directory on `sys.path`, it will not be copied to the staging area.

``--egg-path=DIR``
Force the generated ``.egg-link` file to use a specified relative path to the source directory. This can be useful in circumstances where your installation directory is being shared by code running under multiple platforms (e.g. Mac and Windows) which have different absolute locations for the code under development, but the same *relative* locations with respect to the installation directory. If you use this option when installing, you must supply the same relative path when uninstalling.

In addition to the above options, the `develop` command also accepts all of the same options accepted by `easy_install`. If you've configured any `easy_install` settings in your `setup.cfg` (or other distutils config files), the `develop` command will use them as defaults, unless you override them in a `[develop]` section or on the command line.

``easy_install`` - Find and install packages
============================================
This command runs the `EasyInstall tool <easy_install.html>` for you. It is exactly equivalent to running the `easy_install` command. All command line arguments following this command are consumed and not processed further by the distutils, so this must be the last command listed on the command line. Please see the EasyInstall documentation for the options reference and usage examples. Normally, there is no reason to use this command via the command line, as you can just use `easy_install` directly. It's only listed here so that you know it's a distutils command, which means that you can:

* create command aliases that use it,
* create distutils extensions that invoke it as a subcommand, and
* configure options for it in your `setup.cfg` or other distutils config files.

.. _egg_info:
``egg_info`` - Create egg metadata and set build tags

This command performs two operations: it updates a project's ``.egg-info`` metadata directory (used by the ``bdist_egg``, ``develop``, and ``test`` commands), and it allows you to temporarily change a project's version string, to support "daily builds" or "snapshot" releases. It is run automatically by the ``bdist``, ``bdist_egg``, ``develop``, ``register``, and ``test`` commands in order to update the project's metadata, but you can also specify it explicitly in order to temporarily change the project's version string while executing other commands. (It also generates the `.egg-info/SOURCES.txt` manifest file, which is used when you are building source distributions.)

In addition to writing the core egg metadata defined by ``setuptools`` and required by ``pkg_resources``, this command can be extended to write other metadata files as well, by defining entry points in the `egg_info.writers` group. See the section on `Adding new EGG-INFO Files` below for more details. Note that using additional metadata writers may require you to include a `setup_requires` argument to `setup()` in order to ensure that the desired writers are available on `sys.path`.

Release Tagging Options

-----------------------

The following options can be used to modify the project's version string for all remaining commands on the setup command line. The options are processed in the order shown, so if you use more than one, the requested tags will be added in the following order:

``--tag-build=NAME, -b NAME``
Append NAME to the project's version string. Due to the way setuptools processes "pre-release" version suffixes beginning with the letters "a" through "e" (like "alpha", "beta", and "candidate"), you will usually want to use a tag like ".build" or ".dev", as this will cause the version number to be considered *lower* than the project's default version. (If you want to make the version number *higher* than the default version, you can always leave off --tag-build and then use one or both of the following options.)

If you have a default build tag set in your `setup.cfg`, you can suppress it on the command line using `--b `` or ``--tag-build="`` as an argument to the `egg_info` command.

``--tag-svn-revision, -r``
If the current directory is a Subversion checkout (i.e. has a `.svn` subdirectory, this appends a string of the form "-rNNNN" to the project's
version string, where NNNN is the revision number of the most recent modification to the current directory, as obtained from the `svn info` command.

If the current directory is not a Subversion checkout, the command will look for a `PKG-INFO` file instead, and try to find the revision number from that, by looking for a `-rNNNN` string at the end of the version number. (This is so that building a package from a source distribution of a Subversion snapshot will produce a binary with the correct version number.)

If there is no `PKG-INFO` file, or the version number contained therein does not end with `-r` and a number, then `-r0` is used.

`--no-svn-revision, -R`
Don't include the Subversion revision in the version number. This option is included so you can override a default setting put in `setup.cfg`.

`--tag-date, -d`
Add a date stamp of the form `-YYYYMMDD` (e.g. `-20050528`) to the project's version number.

`--no-date, -D`
Don't include a date stamp in the version number. This option is included so you can override a default setting in `setup.cfg`.

(Note: Because these options modify the version number used for source and binary distributions of your project, you should first make sure that you know how the resulting version numbers will be interpreted by automated tools like EasyInstall. See the section above on `Specifying Your Project's Version` for an explanation of pre- and post-release tags, as well as tips on how to choose and verify a versioning scheme for your project.)

For advanced uses, there is one other option that can be set, to change the location of the project's `.egg-info` directory. Commands that need to find the project's source directory or metadata should get it from this setting:

Other `.egg_info` Options
--------------------------

`--egg-base=SOURCEDIR, -e SOURCEDIR`
Specify the directory that should contain the .egg-info directory. This should normally be the root of your project's source tree (which is not necessarily the same as your project directory; some projects use a `src` or `lib` subdirectory as the source root). You should not normally need to specify this directory, as it is normally determined from the
"package_dir" argument to the "setup()" function, if any. If there is no "package_dir" set, this option defaults to the current directory.

"egg_info" Examples
---------------------

Creating a dated "nightly build" snapshot egg::

    python setup.py egg_info --tag-date --tag-build=DEV bdist_egg

Creating and uploading a release with no version tags, even if some default tags are specified in "setup.cfg"::

    python setup.py egg_info -RDb "" sdist bdist_egg register upload

(Notice that "egg_info" must always appear on the command line *before* any commands that you want the version changes to apply to.)

.. _install command:

``install`` - Run "easy_install" or old-style installation

==============================================================================

The setuptools `install` command is basically a shortcut to run the `easy_install` command on the current project. However, for convenience in creating "system packages" of setuptools-based projects, you can also use this option:

``--single-version-externally-managed``

This boolean option tells the `install` command to perform an "old style" installation, with the addition of an `.egg-info` directory so that the installed project will still have its metadata available and operate normally. If you use this option, you *must* also specify the ``--root`` or ``--record`` options (or both), because otherwise you will have no way to identify and remove the installed files.

This option is automatically in effect when `install` is invoked by another distutils command, so that commands like `bdist_wininst` and `bdist_rpm` will create system packages of eggs. It is also automatically in effect if you specify the `--root` option.

``install_egg_info`` - Install an `.egg-info` directory in `site-packages`

==============================================================================

Setuptools runs this command as part of `install` operations that use the
``--install-dir=DIR, -d DIR``

The parent directory where the ``.egg-info`` directory will be placed. Defaults to the same as the ``--install-dir`` option specified for the ``install_lib`` command, which is usually the system ``site-packages`` directory.

This command assumes that the `egg_info` command has been given valid options via the command line or `setup.cfg`, as it will invoke the `egg_info` command and use its options to locate the project's source `.egg-info` directory.

.. _rotate:

``rotate`` - Delete outdated distribution files

``--match=PATTERNLIST, -m PATTERNLIST``

Comma-separated list of glob patterns to match. This option is *required*. The project name and ``-*`` is prepended to the supplied patterns, in order to match only distributions belonging to the current project (in case you have a shared distribution directory for multiple projects). Typically, you will use a glob pattern like ``.zip`` or ``.egg`` to match files of the specified type. Note that each supplied pattern is treated as a distinct group of files for purposes of selecting files to delete.

``--keep=COUNT, -k COUNT``

Number of matching distributions to keep. For each group of files identified by a pattern specified with the ``--match`` option, delete all but the COUNT most-recently-modified files in that group. This option is *required*.

``--dist-dir=DIR, -d DIR``

Directory where the distributions are. This defaults to the value of the `bdist` command's ``--dist-dir`` option, which will usually be the project's `dist` subdirectory.

**Example 1**: Delete all .tar.gz files from the distribution directory, except
**Example 1**: Setup a rotated archive script for the 3 most recently modified ones:

```
setup.py rotate --match=.tar.gz --keep=3
```

**Example 2**: Delete all Python 2.3 or Python 2.4 eggs from the distribution directory, except the most recently modified one for each Python version:

```
setup.py rotate --match=-py2.3*.egg,-py2.4*.egg --keep=1
```

.. _saveopts:

```
saveopts`` - Save used options to a configuration file

Finding and editing `distutils` configuration files can be a pain, especially since you also have to translate the configuration options from command-line form to the proper configuration file format. You can avoid these hassles by using the `saveopts` command. Just add it to the command line to save the options you used. For example, this command builds the project using the `mingw32` C compiler, then saves the --compiler setting as the default for future builds (even those run implicitly by the `install` command):

```
setup.py build --compiler=mingw32 saveopts
```

The `saveopts` command saves all options for every command specified on the command line to the project's local `.setup.cfg` file, unless you use one of the `configuration file options` to change where the options are saved. For example, this command does the same as above, but saves the compiler setting to the site-wide (global) distutils configuration:

```
setup.py build --compiler=mingw32 saveopts -g
```

Note that it doesn't matter where you place the `saveopts` command on the command line; it will still save all the options specified for all commands. For example, this is another valid way to spell the last example:

```
setup.py saveopts -g build --compiler=mingw32
```

Note, however, that all of the commands specified are always run, regardless of where `saveopts` is placed on the command line.

Configuration File Options
--------------------------

Normally, settings such as options and aliases are saved to the project's local `.setup.cfg` file. But you can override this and save them to the
global or per-user configuration files, or to a manually-specified filename.

``--global-config, -g``
Save settings to the global `distutils.cfg` file inside the `distutils` package directory. You must have write access to that directory to use this option. You also can't combine this option with `--u` or `--f`.

``--user-config, -u``
Save settings to the current user's `~/.pydistutils.cfg` (POSIX) or `$HOME/pydistutils.cfg` (Windows) file. You can't combine this option with `--g` or `--f`.

``--filename=FILENAME, -f FILENAME``
Save settings to the specified configuration file to use. You can't combine this option with `--g` or `--u`. Note that if you specify a non-standard filename, the `distutils` and `setuptools` will not use the file's contents. This option is mainly included for use in testing.

These options are used by other `setuptools` commands that modify configuration files, such as the `alias` and `setopt` commands.

`. setopt:

``setopt`` - Set a distutils or setuptools option in a config file
==================================================================

This command is mainly for use by scripts, but it can also be used as a quick and dirty way to change a distutils configuration option without having to remember what file the options are in and then open an editor.

**Example 1**. Set the default C compiler to `mingw32` (using long option names):

setup.py setopt --command=build --option=compiler --set-value=mingw32

**Example 2**. Remove any setting for the distutils default package installation directory (short option names):

setup.py setopt -c install -o install_lib -r

Options for the ``setopt`` command:

``--command=COMMAND, -c COMMAND``
Command to set the option for. This option is required.
``--option=OPTION, -o OPTION``
The name of the option to set. This option is required.

``--set-value=VALUE, -s VALUE``
The value to set the option to. Not needed if ``-r`` or ``--remove`` is set.

``--remove, -r``
Remove (unset) the option, instead of setting it.

In addition to the above options, you may use any of the `configuration file options` (listed under the `saveopts` command, above) to determine which distutils configuration file the option will be added to (or removed from).

``. . test:``

```test` - Build package and run a unittest suite

``

When doing test-driven development, or running automated builds that need testing before they are deployed for downloading or use, it's often useful to be able to run a project's unit tests without actually deploying the project anywhere, even using the `develop` command. The `test` command runs a project's unit tests without actually deploying it, by temporarily putting the project's source on `sys.path`, after first running `build_ext -i` and `egg_info` to ensure that any C extensions and project metadata are up-to-date.

To use this command, your project's tests must be wrapped in a `unittest` test suite by either a function, a `TestCase` class or method, or a module or package containing `TestCase` classes. If the named suite is a module, and the module has an `additional_tests()` function, it is called and the result (which must be a `unittest.TestSuite`) is added to the tests to be run. If the named suite is a package, any submodules and subpackages are recursively added to the overall test suite. (Note: if your project specifies a `test_loader`, the rules for processing the chosen `test_suite` may differ; see the `test_loader` documentation for more details.)

Note that many test systems including `doctest` support wrapping their non-`unittest` tests in `TestSuite` objects. So, if you are using a test package that does not support this, we suggest you encourage its developers to implement test suite support, as this is a convenient and standard way to aggregate a collection of tests to be run under a common test harness.

By default, tests will be run in the `verbose` mode of the `unittest` package's text test runner, but you can get the `quiet` mode (just dots) if you supply the `--q` or `--quiet` option, either as a global option to
the setup script (e.g. `setup.py -q test`) or as an option for the `test` command itself (e.g. `setup.py test -q`). There is one other option available:

`--test-suite=NAME, -s NAME`

Specify the test suite (or module, class, or method) to be run (e.g. `some_module.test_suite`). The default for this option can be set by giving a `test_suite` argument to the `setup()` function, e.g.:

```python
setup(
    # ...
    test_suite = "my_package.tests.test_all"
)
```

If you did not set a `test_suite` in your `setup()` call, and do not provide a `--test-suite` option, an error will occur.

.. _upload:

`upload` - Upload source and/or egg distributions to PyPI

The `upload` command is implemented and documented in `uploading.html` in `distutils`.

Setuptools augments the `upload` command with support for `keyring` allowing the password to be stored in a secure location and not in plaintext in the `.pypirc` file. To use keyring, first install keyring and set the password for the relevant repository, e.g.:

```bash
python -m keyring set <repository> <username>
Password for '<username>' in '<repository>': ********
```

Then, in `.pypirc`, set the repository configuration as normal, but omit the password. Thereafter, uploads will use the password from the keyring.

New in 20.1: Added keyring support.

.. _upload_docs:

`upload_docs` - Upload package documentation to PyPI

=================================================================
PyPI now supports uploading project documentation to the dedicated URL https://pythonhosted.org/<project>/.

The ``upload_docs`` command will create the necessary zip file out of a documentation directory and will post to the repository.

Note that to upload the documentation of a project, the corresponding version must already be registered with PyPI using the distutils ``register`` command -- just like the ``upload`` command.

Assuming there is an ``Example`` project with documentation in the subdirectory ``docs``, e.g.::

```
Example/
|-- example.py
|-- setup.cfg
|-- setup.py
|-- docs
 | |-- build
 | | `-- html
 | | | `-- index.html
 | | | `-- tips_tricks.html
 | |-- conf.py
 | |-- index.txt
 | `-- tips_tricks.txt
```

You can simply pass the documentation directory path to the ``upload_docs`` command::

```
python setup.py upload_docs --upload-dir=docs/build/html
```

If no ``--upload-dir`` is given, ``upload_docs`` will attempt to run the ``build_sphinx`` command to generate uploadable documentation.

For the command to become available, `Sphinx <http://sphinx.pocoo.org/>`_ must be installed in the same environment as distribute.

As with other ``setuptools``-based commands, you can define useful defaults in the ``setup.cfg`` of your Python project, e.g.:

```
.. code-block:: ini

    [upload_docs]
    upload-dir = docs/build/html
```

The ``upload_docs`` command has the following options:

```
```

The directory to be uploaded to the repository.
``--show-response``
Display the full response text from server; this is useful for debugging PyPi problems.

``--repository=URL, -r URL``
The URL of the repository to upload to. Defaults to https://pypi.python.org/pypi (i.e., the main PyPi installation).

--------------------------------
Extending and Reusing Setuptools
--------------------------------

Creating ``distutils`` Extensions
=================================

It can be hard to add new commands or setup arguments to the distutils. But the ``setuptools`` package makes it a bit easier, by allowing you to distribute a distutils extension as a separate project, and then have projects that need the extension just refer to it in their ``setup_requires`` argument.

With ``setuptools``, your distutils extension projects can hook in new commands and ``setup()`` arguments just by defining "entry points". These are mappings from command or argument names to a specification of where to import a handler from. (See the section on `Dynamic Discovery of Services and Plugins` above for some more background on entry points.)

Adding Commands
--------------

You can add new ``setup`` commands by defining entry points in the ``distutils.commands`` group. For example, if you wanted to add a ``foo`` command, you might add something like this to your distutils extension project's setup script::

```python
setup(
    # ...
    entry_points = {
        "distutils.commands": [  
            "foo = mypackage.some_module:foo",
        ],
    },
)
```

(Assuming, of course, that the ``foo`` class in ``mypackage.some_module`` is a ``setuptools.Command`` subclass.)
Once a project containing such entry points has been activated on `sys.path`, (e.g. by running "install" or "develop" with a site-packages installation directory) the command(s) will be available to any `setuptools`-based setup scripts. It is not necessary to use the `--command-packages` option or to monkeypatch the `distutils.command` package to install your commands; `setuptools` automatically adds a wrapper to the distutils to search for entry points in the active distributions on `sys.path`. In fact, this is how setuptools' own commands are installed: the setuptools project's setup script defines entry points for them!

Adding `setup()` Arguments

Adding `setup()` Arguments

Sometimes, your commands may need additional arguments to the `setup()` call. You can enable this by defining entry points in the `distutils.setup_keywords` group. For example, if you wanted a `setup()` argument called `bar_baz`, you might add something like this to your distutils extension project's setup script:

```python
setup(
    # ...
    entry_points = {
        "distutils.commands": [
            "foo = mypackage.some_module:foo",
        ],
        "distutils.setup_keywords": [
            "bar_baz = mypackage.some_module:validate_bar_baz",
        ],
    },
)
```

The idea here is that the entry point defines a function that will be called to validate the `setup()` argument, if it's supplied. The `Distribution` object will have the initial value of the attribute set to `None`, and the validation function will only be called if the `setup()` call sets it to a non-None value. Here's an example validation function:

```python
def assert_bool(dist, attr, value):
    """Verify that value is True, False, 0, or 1""
    if bool(value) != value:
        raise DistutilsSetupError(
            "%r must be a boolean value (got %r)" % (attr, value)
        )
```

Your function should accept three arguments: the `Distribution` object, the attribute name, and the attribute value. It should raise a
``DistutilsSetupError`` (from the ``distutils.errors`` module) if the argument is invalid. Remember, your function will only be called with non-None values, and the default value of arguments defined this way is always None. So, your commands should always be prepared for the possibility that the attribute will be ``None`` when they access it later.

If more than one active distribution defines an entry point for the same ``setup()`` argument, *all* of them will be called. This allows multiple distutils extensions to define a common argument, as long as they agree on what values of that argument are valid.

Also note that as with commands, it is not necessary to subclass or monkeypatch the distutils ``Distribution`` class in order to add your arguments; it is sufficient to define the entry points in your extension, as long as any setup script using your extension lists your project in its ``setup_requires`` argument.

Adding new EGG-INFO Files
-------------------------

Some extensible applications or frameworks may want to allow third parties to develop plugins with application or framework-specific metadata included in the plugins' EGG-INFO directory, for easy access via the ``pkg_resources`` metadata API. The easiest way to allow this is to create a distutils extension to be used from the plugin projects' setup scripts (via ``setup_requires``) that defines a new setup keyword, and then uses that data to write an EGG-INFO file when the ``egg_info`` command is run.

The ``egg_info`` command looks for extension points in an ``egg_info.writers`` group, and calls them to write the files. Here's a simple example of a distutils extension defining a setup argument ``foo_bar``, which is a list of lines that will be written to ``foo_bar.txt`` in the EGG-INFO directory of any project that uses the argument::

```python
setup(
    # ...
    entry_points = {
        "distutils.setup_keywords": [
            "foo_bar = setuptools.dist:assert_string_list",
        ],
        "egg_info.writers": [
            "foo_bar.txt = setuptools.command.egg_info:write_arg",
        ],
    },
)
```

This simple example makes use of two utility functions defined by setuptools.
for its own use: a routine to validate that a setup keyword is a sequence of strings, and another one that looks up a setup argument and writes it to a file. Here’s what the writer utility looks like::

```python
def write_arg(cmd, basename, filename):
    argname = os.path.splitext(basename)[0]
    value = getattr(cmd.distribution, argname, None)
    if value is not None:
        value = '\n'.join(value)+'\n'
    cmd.write_or_delete_file(argname, filename, value)
```

As you can see, ``egg_info.writers`` entry points must be a function taking three arguments: a ``egg_info`` command instance, the basename of the file to write (e.g. ``foo_bar.txt``), and the actual full filename that should be written to.

In general, writer functions should honor the command object's ``dry_run`` setting when writing files, and use the ``distutils.log`` object to do any console output. The easiest way to conform to this requirement is to use the ``cmd`` object's ``write_file()``, ``delete_file()`` and ``write_or_delete_file()`` methods exclusively for your file operations. See those methods' docstrings for more details.

Adding Support for Revision Control Systems
---------------------------------------------

If the files you want to include in the source distribution are tracked using Git, Mercurial or SVN, you can use the following packages to achieve that:

- Git and Mercurial: `setuptools_scm <https://pypi.python.org/pypi/setuptools_scm>`_
- SVN: `setuptools_svn <https://pypi.python.org/pypi/setuptools_svn>`_

If you would like to create a plugin for ``setuptools`` to find files tracked by another revision control system, you can do so by adding an entry point to the ``setuptools.file_finders`` group. The entry point should be a function accepting a single directory name, and should yield all the filenames within that directory (and any subdirectories thereof) that are under revision control.

For example, if you were going to create a plugin for a revision control system called "foobar", you would write a function something like this:

```python
def find_files_for_foobar(dirname):
    # loop to yield paths that start with `dirname`
```
And you would register it in a setup script using something like this:

```python
code
entry_points = {
    "setuptools.file_finders": [
        "foobar = my_foobar_module:find_files_for_foobar"
    ]
}
```

Then, anyone who wants to use your plugin can simply install it, and their local setuptools installation will be able to find the necessary files.

It is not necessary to distribute source control plugins with projects that simply use the other source control system, or to specify the plugins in ```setup_requires```. When you create a source distribution with the ```sdist``` command, setuptools automatically records what files were found in the ```SOURCES.txt``` file. That way, recipients of source distributions don't need to have revision control at all. However, if someone is working on a package by checking out with that system, they will need the same plugin(s) that the original author is using.

A few important points for writing revision control file finders:

* Your finder function MUST return relative paths, created by appending to the passed-in directory name. Absolute paths are NOT allowed, nor are relative paths that reference a parent directory of the passed-in directory.

* Your finder function MUST accept an empty string as the directory name, meaning the current directory. You MUST NOT convert this to a dot; just yield relative paths. So, yielding a subdirectory named ```some/dir``` under the current directory should NOT be rendered as ```./some/dir``` or ```/somewhere/some/dir```, but *always* as simply ```some/dir```

* Your finder function SHOULD NOT raise any errors, and SHOULD deal gracefully with the absence of needed programs (i.e., ones belonging to the revision control system itself. It *may*, however, use ```distutils.log.warn()``` to inform the user of the missing program(s).

Subclassing ```Command```

```
```

Sorry, this section isn't written yet, and neither is a lot of what's below this point.

XXX

Reusing ```setuptools``` Code
``ez_setup``
------------

XXX

``setuptools.archive_util``
---------------------------

XXX

``setuptools.sandbox``
----------------------

XXX

``setuptools.package_index``
----------------------------

XXX

Mailing List and Bug Tracker
============================

Please use the `distutils-sig mailing list`_ for questions and discussion about setuptools, and the `setuptools bug tracker`_ ONLY for issues you have confirmed via the list are actual bugs, and which you have reduced to a minimal set of steps to reproduce.

.. _distutils-sig mailing list: http://mail.python.org/pipermail/distutils-sig/
.. _setuptools bug tracker: https://github.com/pypa/setuptools/

Found in path(s):
* /opt/cola/permits/1136205591_1613708311.18/0/python-setuptools-20-7-0-orig-1-tar-gz/setuptools-20.7.0/docs/setuptools.txt

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

# Permission is hereby granted, free of charge, to any person obtaining
# a copy of this software and associated documentation files (the
# "Software"), to deal in the Software without restriction, including
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Found in path(s):
* /opt/cola/permits/1136205591_1613708311.18/0/python-setuptools-20-7-0-orig-1-tar-gz/setuptools-20.7.0/pkg_resources/_vendor/pyparsing.py

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

Metadata-Version: 1.1
Name: setuptools
Version: 20.7.0
Summary: Easily download, build, install, upgrade, and uninstall Python packages
Home-page: https://github.com/pypa/setuptools
Author: Python Packaging Authority
Author-email: distutils-sig@python.org
License: UNKNOWN
Description: ===============================

Installing and Using Setuptools
================================

.. contents:: **Table of Contents**

`Change History <https://pythonhosted.org/setuptools/history.html>`_.

-------------------------

Installation Instructions
-------------------------

The recommended way to bootstrap setuptools on any system is to download `ez_setup.py` and run it using the target Python environment. Different operating systems have different recommended techniques to accomplish this basic routine, so below are some examples to get you started.

Setuptools requires Python 2.6 or later. To install setuptools on Python 2.4 or Python 2.5, use the `bootstrap script for Setuptools 1.x <https://raw.githubusercontent.com/pypa/setuptools/bootstrap-py24/ez_setup.py>`_.

The link provided to ez_setup.py is a bookmark to bootstrap script for the latest known stable release.

.. _ez_setup.py: https://bootstrap.pypa.io/ez_setup.py

Windows (Powershell 3 or later)
================================

For best results, uninstall previous versions FIRST (see `Uninstalling`).

Using Windows 8 (which includes PowerShell 3) or earlier versions of Windows
with PowerShell 3 installed, it's possible to install with one simple PowerShell command. Start up Powershell and paste this command::

```
> (Invoke-WebRequest https://bootstrap.pypa.io/ez_setup.py).Content | python -
```

You must start the Powershell with Administrative privileges or you may choose to install a user-local installation::

```
> (Invoke-WebRequest https://bootstrap.pypa.io/ez_setup.py).Content | python - --user
```

If you have Python 3.3 or later, you can use the ```py``` command to install to different Python versions. For example, to install to Python 3.3 if you have Python 2.7 installed::

```
> (Invoke-WebRequest https://bootstrap.pypa.io/ez_setup.py).Content | py -3 -
```

The recommended way to install setuptools on Windows is to download ```ez_setup.py``` and run it. The script will download the appropriate distribution file and install it for you.

Once installation is complete, you will find an ```easy_install``` program in your Python ```Scripts``` subdirectory. For simple invocation and best results, add this directory to your ```PATH``` environment variable, if it is not already present. If you did a user-local install, the ```Scripts``` subdirectory is ```$env:APPDATA\Python\Scripts```.

Windows (simplified)
====================

For Windows without PowerShell 3 or for installation without a command-line, download ```ez_setup.py``` using your preferred web browser or other technique and ```run``` that file.

Unix (wget)
===========

Most Linux distributions come with wget.

Download ```ez_setup.py``` and run it using the target Python version. The script will download the appropriate version and install it for you::

```
> wget https://bootstrap.pypa.io/ez_setup.py -O - | python
```

Note that you will may need to invoke the command with superuser privileges to install to the system Python::

---

Open Source Used In CPS Microservices (DRA) DRA 21.1 Gold Candidate 13613
> wget https://bootstrap.pypa.io/ez_setup.py -O - | sudo python

Alternatively, Setuptools may be installed to a user-local path:

> wget https://bootstrap.pypa.io/ez_setup.py -O - | python --user

Note that on some older systems (noted on Debian 6 and CentOS 5 installations), `wget` may refuse to download `ez_setup.py`, complaining that the certificate common name `*.c.ssl.fastly.net` does not match the host name `bootstrap.pypa.io`. In addition, the `ez_setup.py` script may then encounter similar problems using `wget` internally to download `setuptools-x.y.zip`, complaining that the certificate common name of host name `pypi.python.org`. Those are known issues, related to a bug in the older versions of `wget` (see Issue 59 <https://bitbucket.org/pypa/pypi/issue/59#comment-5881915>). If you happen to encounter them, install Setuptools as follows:

> wget --no-check-certificate https://bootstrap.pypa.io/ez_setup.py
> python ez_setup.py --insecure

Unix including Mac OS X (curl)
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If your system has curl installed, follow the `wget` instructions but replace `wget` with `curl` and `-O` with `-o`. For example:

> curl https://bootstrap.pypa.io/ez_setup.py -o - | python

Advanced Installation
=====================

For more advanced installation options, such as installing to custom locations or prefixes, download and extract the source tarball from Setuptools on PyPI <https://pypi.python.org/pypi/setuptools>_ and run setup.py with any supported distutils and Setuptools options. For example:

setuptools-x.x$ python setup.py install --prefix=/opt/setuptools

Use `--help` to get a full options list, but we recommend consulting the `EasyInstall manual`_ for detailed instructions, especially `the section on custom installation locations`_.

.. _EasyInstall manual: https://pythonhosted.org/setuptools/EasyInstall
.. _the section on custom installation locations: https://pythonhosted.org/setuptools/EasyInstall#custom-installation-locations
Downloads

All setuptools downloads can be found at `the project's home page in the Python Package Index`_. Scroll to the very bottom of the page to find the links.

.. _the project's home page in the Python Package Index: https://pypi.python.org/pypi/setuptools

In addition to the PyPI downloads, the development version of `setuptools` is available from the `Bitbucket repo`_, and in-development versions of the `0.6 branch`_ are available as well.

.. _Bitbucket repo: https://bitbucket.org/pypa/setuptools/get/default.tar.gz#egg=setuptools-dev
.. _0.6 branch: http://svn.python.org/projects/sandbox/branches/setuptools-0.6/#egg=setuptools-dev06

Uninstalling

On Windows, if Setuptools was installed using an `exe` or `msi` installer, simply use the uninstall feature of "Add/Remove Programs" in the Control Panel.

Otherwise, to uninstall Setuptools or Distribute, regardless of the Python version, delete all `setuptools*` and `distribute*` files and directories from your system's `site-packages` directory (and any other `sys.path` directories) FIRST.

If you are upgrading or otherwise plan to re-install Setuptools or Distribute, nothing further needs to be done. If you want to completely remove Setuptools, you may also want to remove the 'easy_install' and 'easy_install-x.x' scripts and associated executables installed to the Python scripts directory.

Using Setuptools and EasyInstall

Here are some of the available manuals, tutorials, and other resources for learning about Setuptools, Python Eggs, and EasyInstall:

* `The EasyInstall user's guide and reference manual`_
* `The setuptools Developer's Guide`_
* `The pkg_resources API reference`_
* `The Internal Structure of Python Eggs`_

Questions, comments, and bug reports should be directed to the `distutils-sig mailing list`_. If you have written (or know of) any tutorials, documentation,
plug-ins, or other resources for setuptools users, please let us know about them there, so this reference list can be updated. If you have working, *tested* patches to correct problems or add features, you may submit them to the `setuptools bug tracker`_.

.. _setuptools bug tracker: https://github.com/pypa/setuptools/issues

.. _The Internal Structure of Python Eggs: https://pythonhosted.org/setuptools/formats.html


.. _The pkg_resources API reference: https://pythonhosted.org/setuptools/pkg_resources.html

.. _The EasyInstall user's guide and reference manual: https://pythonhosted.org/setuptools/easy_install.html

.. _distutils-sig mailing list: http://mail.python.org/pipermail/distutils-sig/

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Credits
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* The original design for the ``.egg`` format and the ``pkg_resources`` API was co-created by Phillip Eby and Bob Ippolito. Bob also implemented the first version of ``pkg_resources``, and supplied the OS X operating system version compatibility algorithm.

* Ian Bicking implemented many early "creature comfort" features of easy_install, including support for downloading via Sourceforge and Subversion repositories. Ian's comments on the Web-SIG about WSGI application deployment also inspired the concept of "entry points" in eggs, and he has given talks at PyCon and elsewhere to inform and educate the community about eggs and setuptools.

* Jim Fulton contributed time and effort to build automated tests of various aspects of ``easy_install``, and supplied the doctests for the command-line ``.exe`` wrappers on Windows.

* Phillip J. Eby is the seminal author of setuptools, and first proposed the idea of an importable binary distribution format for Python application plug-ins.

* Significant parts of the implementation of setuptools were funded by the Open Source Applications Foundation, to provide a plug-in infrastructure for the Chandler PIM application. In addition, many OSAF staffers (such as Mike "Code Bear" Taylor) contributed their time and stress as guinea pigs for the use of eggs and setuptools, even before eggs were "cool". (Thanks, guys!)

* Tarek Ziad is the principal author of the Distribute fork, which re-invigorated the community on the project, encouraged renewed innovation, and addressed many defects.

* Since the merge with Distribute, Jason R. Coombs is the
maintainer of setuptools. The project is maintained in coordination with
the Python Packaging Authority (PyPA) and the larger Python community.

.. _files:

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Code of Conduct
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Everyone interacting in the setuptools project's codebases, issue trackers,
chat rooms, and mailing lists is expected to follow the
`PyPA Code of Conduct`_.


Keywords: CPAN PyPI distutils eggs package management
Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/ Stable
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: MIT License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python :: 2.6
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Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout---------
 Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
 Units: sectors of 1 * 512 = 512 bytes
 Sector size (logical/physical): 512 bytes / 512 bytes
 I/O size (minimum/optimal): 512 bytes / 512 bytes
 Disklabel type: dos
 Disk identifier: <removed>

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout---------
 Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
 Units: sectors of 1 * 512 = 512 bytes
 Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device  Boot Start  End Sectors Size Id Type
<removed>1  2048 4095  2048  1M  83 Linux

-------------------
Create 2 st primary partition
1beb87248e05d6e4e62b749da65d023 bsd.img
Set 2 nd partition type
2d8e8dff51a88a045db233418dd73ffe bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device  Boot Start  End Sectors Size Id Type
<removed>1  2048 4095  2048  1M  83 Linux
<removed>2  4096 20479  16384  8M  a5 FreeBSD

-------------------
Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout---------

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>: 2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start  End Sectors  Size Type   Fsiz e Bsize Cpg
c  4096 20479 16384  8M unused 0 0 0
d  0 16064 16065  7.9M unused 0 0 0
Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):
---------------------

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout--------

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start   End Sectors  Size Type     Fsize Bsize Cpg
a  4096   6144  2049  1M 4.2BSD       0     0   0
b  4096 20479  16384  8M unused       0     0   0
c  0 16064  16065   7.9M unused       0     0   0
d  0 16064  16065  7.9M unused       0     0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):
---------------------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

0 unused      5  4.1BSD      9  4.4LFS     d boot
1 swap 6 Eighth Edition a unknown e ADOS
2 Version 6 7 4.2BSD b HPFS f HFS
3 Version 7 8 MS-DOS c ISO-9660 10 AdvFS
4 System V

Command (m for help):
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../Documentation/licenses/COPYING.BSD-3 file.
size: 4456448, sector size: 512, PT: bsd, offset: 512
---
#1: 7936 4864 0x7
#2: 12544 3584 0x7

1.1429 cdrkit 1.1.11-3ubuntu1

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  * /opt/ws_local/PERMITS_SQL/1073022525_1595251909.25/0/hibernate-validator-6-1-5-final-sources-1.jar/org/hibernate/validation/config/defs/pl/NEGONDDef.java
  * /opt/ws_local/PERMITS_SQL/1073022525_1595251909.25/0/hibernate-validator-6-1-5-final-sources-1.jar/org/hibernate/validation/config/defs/pl/NEGONDDef.java
  * /opt/ws_local/PERMITS_SQL/1073022525_1595251909.25/0/hibernate-validator-6-1-5-final-sources-1.jar/org/hibernate/validation/internal/constraintvalidators/bv/number/PositiveOrZeroValidatorForMonetaryAmount.java
  * /opt/ws_local/PERMITS_SQL/1073022525_1595251909.25/0/hibernate-validator-6-1-5-final-sources-1.jar/org/hibernate/validation/internal/constraintvalidators/bv/EmailValidator.java
  * /opt/ws_local/PERMITS_SQL/1073022525_1595251909.25/0/hibernate-validator-6-1-5-final-sources-1.jar/META-INF/validation-mapping-1.0.xsd
No license file was found, but licenses were detected in source scan.

/*
   * Hibernate Validator, declare and validate application constraints
   *
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   */

/**
   * A method-level constraint, that evaluates a script expression against the
   * annotated method or constructor. This constraint can be used to implement
   * validation routines that depend on several parameters of the annotated
   * executable.
   *
   * Script expressions can be written in any scripting or expression language,
   * for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a> JSR 223 compatible engine can be
   * found on the classpath. To refer to a parameter within the scripting
   * expression, use its name as obtained by the active
   * <code>ParameterNameProvider</code>. The default provider will
   * return the actual parameter names, if the -parameters compiler option
   * has been enabled, and <code>arg0</code>, <code>arg1</code> etc. otherwise.
   */

/**
   * The following listing shows an example using the JavaScript engine which
   * comes with the JDK:
   */

```java
@Component
public void createEvent(Date start, Date end) {
    // Constraint code...
}
```
* Can be specified on any method or constructor.

* @author Gunnar Morling

1.1431 libxau 1.0.8 1

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

1.1435 jetty 8.1.10.v20130312

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/**
 * @return The port to use when redirecting a request if a data constraint of confidential is
 * required. See {@link org.eclipse.jetty.util.security.Constraint#getDataConstraint()}
 */

/**
 * @return The schema to use when redirecting a request if a data constraint of confidential is
 * required. See {@link org.eclipse.jetty.util.security.Constraint#getDataConstraint()}
 */

/**
 * @param request A request
 * @return true if the request is confidential. This normally means the https schema has been used.
 */

Found in path(s):
* /opt/cola/permits/1125786288_1612763905.88/0/jetty-server-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/Connector.java

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

/**
 * By default, we're confidential, given we speak SSL. But, if we've been
 * told about an confidential port, and said port is not our port, then
 * we're not. This allows separation of listeners providing INTEGRAL versus
* CONFIDENTIAL constraints, such as one SSL listener configured to require
* client certs providing CONFIDENTIAL, whereas another SSL listener not
* requiring client certs providing mere INTEGRAL constraints.
*/

Found in path(s):
* /opt/cola/permits/1125786288_1612763905.88/0/jetty-server-8-1-10-v20130312-sources-
jar/org/eclipse/jetty/server/ssl/SslSelectChannelConnector.java
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/*
 * @see org.eclipse.jetty.server.Connector#getConfidentialPort()
 */
/*
 * @see org.eclipse.jetty.server.Connector#getConfidentialScheme()
 */
/*
 * @see org.eclipse.jetty.server.Connector#isConfidential(org.eclipse.jetty.server.Request)
 */
/*
 * @see org.eclipse.jetty.server.Connector#isConfidential(org.eclipse.jetty.server.Request)
 */
/**
 * @param confidentialPort
 * The confidentialPort to set.
 */
/**
 * @param confidentialScheme
 * The confidentialScheme to set.
 */

Found in path(s):
* /opt/cola/permits/1125786288_1612763905.88/0/jetty-server-8-1-10-v20130312-sources-
jar/org/eclipse/jetty/server/AbstractConnector.java
No license file was found, but licenses were detected in source scan.

Connector: HTTP Connector.
server: MObject:RO:The server for this connector
requestHeaderSize: The size of a request header buffer
requestBufferSize: The size of a request content buffer
responseHeaderSize: The size of a response header buffer
responseBufferSize: The size of a response content buffer
integralPort: Port to use for integral redirections
integralScheme: Scheme to use for integral redirections
confidentialPort: Port to use for confidential redirections
confidentialScheme: Scheme to use for confidential redirections
host: Host name to accept connections on
port: TCP/IP port to accept connections on
maxIdleTime: Maximum time in ms that a connection can be idle before being closed
statsOn: True if statistics collection is turned on.
statsOnMs: Time in milliseconds stats have been collected for.
statsReset(): Reset statistics.
connections: Number of connections accepted by the server since statsReset() called. Undefined if setStatsOn(false).
connectionsOpen: Number of connections currently open that were opened since statsReset() called. Undefined if setStatsOn(false).
connectionsOpenMax: Maximum number of connections opened simultaneously since statsReset() called. Undefined if setStatsOn(false).
connectionsDurationMean: Mean duration in milliseconds of open connections since statsReset() called. Undefined if setStatsOn(false).
connectionsDurationStdDev: Standard deviation of duration in milliseconds of an open connection since statsReset() called. Undefined if setStatsOn(false).
connectionsDurationMax: Maximum duration in milliseconds of an open connection since statsReset() called. Undefined if setStatsOn(false).
connectionsDurationTotal: Total duration in milliseconds of all open connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsMean: Mean number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsStdDev: Standard deviation of number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsMax: Maximum number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
requests: Number of requests since statsReset() called. Undefined if setStatsOn(false).
open(): Open the listening port
close(): Close the listening port (but allow existing connections to continue for graceful shutdown)

Found in path(s):
* /opt/cola/permits/1125786288_1612763905.88/0/jetty-server-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/jmx/Connector-mbean.properties
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/**
* By default, we're confidential, given we speak SSL. But, if we've been told about an
* confidential port, and said port is not our port, then we're not. This allows separation of
* listeners providing INTEGRAL versus CONFIDENTIAL constraints, such as one SSL listener
* configured to require client certs providing CONFIDENTIAL, whereas another SSL listener not
* requiring client certs providing mere INTEGRAL constraints.
*/
/**
* By default, we're integral, given we speak SSL. But, if we've been told about an integral
* port, and said port is not our port, then we're not. This allows separation of listeners
* providing INTEGRAL versus CONFIDENTIAL constraints, such as one SSL listener configured to
* require client certs providing CONFIDENTIAL, whereas another SSL listener not requiring
* client certs providing mere INTEGRAL constraints.
*/

Found in path(s):
* /opt/cola/permits/1125786288_1612763905.88/0/jetty-server-8-1-10-v20130312-sources-
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Found in path(s):
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/**
* Find out if the request supports CONFIDENTIAL security.
* @param request the incoming HTTP request
* @return the result of calling {@link Connector#isConfidential(Request)}, or false
* if there is no connector
*/

Found in path(s):
* /opt/cola/permits/1125786288_1612763905.88/0/jetty-server-8-1-10-v20130312-sources-
jar/org/eclipse/jetty/server/AbstractHttpConnection.java
No license file was found, but licenses were detected in source scan.
AbstractConnector: Abstract implementation of the Connector interface.
acceptors: The number of acceptor threads.
acceptQueueSize: The size of the accept queue.
acceptorPriorityOffset: Priority offset of the acceptor threads. The priority is adjusted by this amount to either favor the acceptance of new threads and newly active connections or to favor the handling of already dispatched connections.
forwardedForHeader: The header name for forwarded for (default x-forwarded-for).
forwardedHostHeader: The header name for forwarded hosts (default x-forwarded-host)
forwardedServerHeader: The header name for forwarded server (default x-forwarded-server)
forwarded: Whether reverse proxy handling is on. True if this connector is checking the forwarded for/host/server headers.
host: Host name of the server.
hostHeader: Forced value for the host header. Only used if forwarded is true.
soLingerTime: Enable or disable SO_LINGER with the specified linger time in seconds.
reuseAddress: Whether the server socket will be opened in SO_REUSEADDR mode.
name: Name of the connector.
resolveNames: Whether or not to use DNS when handling forwards.
confidentialPort: Port to use for confidential redirections.
confidentialScheme: Scheme to use for confidential redirections.
integralPort: Port to use for integral redirections.
integralScheme: Scheme to use for integral redirections.
lowResourcesMaxIdleTime: The period in ms that a connection may be idle when the connector has low resources, before it is closed.

Found in path(s):
* /opt/cola/permits/1125786288_1612763905.88/0/jetty-server-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/jmx/AbstractConnector-mbean.properties

1.1436 binutils 2.26.1 1ubuntu1~16.04.8

1.1437 visual-studio-runtime 1.26
1.1437.1 Available under license:
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1.1440 e2fsprogs 1.43-r0

1.1440.1 Available under license:

This is the Debian GNU/Linux prepackaged version of the static EXT2
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were written by Theodore Ts'o <tytso@mit.edu> and Remy Card
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*/

Index: tdbsa/tdb.c

===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
 */
/*
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes
-
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Theodore Ts'o
23-June-2007

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

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

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

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

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

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

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

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

image::$(BSD_LIB)

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

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) 
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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Gadi Oxman, August 1995

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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 library options
LD_SOOPTIONS= -Wl,-Bs symbolic

## 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 "$\(GEN\_DEPS\.c\) $< \n| sed \"s/(\$\(\*\))\.o\[ :)*/\1\.o $@ : /g\" > $@; \n[ -s $@ ]|| rm -f $@

%.d: $(srcdir)/%.cpp
  @echo "generating dependency information for $<"
  @$(SHELL) -ec "$\(GEN\_DEPS\.cc\) $< \n| sed \"s/(\$\(\*\))\.o\[ :)*/\1\.o $@ : /g\" > $@; \n[ -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) $@

## Bind internal references

# LDflags that pkgdata will use
BIR\_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR\_DEPS=

## Remove shared library 's'
STATIC\_PREFIX\_WHEN\_USED =
STATIC\_PREFIX =

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1.1451 dns 1.1.26

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## -*-makefile-*-

## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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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 library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## 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) $< \n\t| sed "s/(.*)\?o[^:]*:/\1.o $@ : /g" > $@;\n\t[ -s $@ ] || rm -f $@"

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

1.1454 gopsutil 1.1.5

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* Typically used to ensure the principal is permitted to access the domain
* object instance returned by a service layer bean. Can also be used to
* mutate the domain object instance so the principal is only able to access
* authorised bean properties or <code>Collection</code> elements.
* Special consideration should be given to using an
* <code>AfterInvocationManager</code> on bean methods that modify a database.
* Typically an <code>AfterInvocationManager</code> is used with read-only
* methods, such as <code>public DomainObject getId(id)</code>. If used with
* methods that modify a database, a transaction manager should be used to
* ensure any <code>AccessDeniedException</code> will cause a rollback of the
* changes made by the transaction.

@<author Ben Alex

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/opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
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  jar/org/springframework/security/authentication/encoding/Md4PasswordEncoder.java
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/**
 * A token issued by {@link TokenService}.
 *
 * <p>
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 * are free to use encryption or encoding strategies of their choice. It is strongly recommended that
 * keys are of sufficient length to balance safety against persistence cost. In relation to persistence
 * cost, it is strongly recommended that returned keys are small enough for encoding in a cookie.
 * </p>
 *
 * @author Ben Alex
 * @since 2.0.1
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
  jar/org/springframework/security/core/token/Token.java
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 */
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 *
* @author Alan Stewart
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/*
* @param authentication represents the user in question. Should not be null.
* @param targetDomainObject the domain object for which permissions should be checked. May be null
*      in which case implementations should return false, as the null condition can be checked explicitly
* @param permission a representation of the permission object as supplied by the expression system. Not null.
* @return true if the permission is granted, false otherwise
*/

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* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1.jar/org/springframework/security/remoting/dns/InitialContextFactory.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1.jar/org/springframework/security/remoting/dns/DnsLookupException.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1.jar/org/springframework/security/remoting/dns/JndiDnsResolver.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1.jar/org/springframework/security/remoting/dns/DnsEntryNotFoundException.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1.jar/org/springframework/security/remoting/dns/DnsResolver.java

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/**
* 
* @param authentication represents the user in question. Should not be null.
* @param targetDomainObject the domain object for which permissions should be checked. May be null
*      in which case implementations should return false, as the null condition can be checked explicitly
* @param permission a representation of the permission object as supplied by the expression system. Not null.
* @return true if the permission is granted, false otherwise
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jar/org/springframework/security/access/hierarchicalroles/RoleHierarchyException.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/hierarchicalroles/UserDetailsWrapper.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/hierarchicalroles/UserDetailsServiceWrapper.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/hierarchicalroles/RoleHierarchyImpl.java

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* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-

jar/org/springframework/security/access/method/AbstractMethodSecurityMetadataSource.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/authentication/dao/SaltSource.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/intercept/RunAsManager.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/authentication/event/AuthenticationFailureCredentialsExpiredEvent.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/authentication/dao/AbstractUserDetailsAuthenticationProvider.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/core-context/SecurityContextHolderStrategy.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/core/context/SecurityContext.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/method/MapBasedMethodSecurityMetadataSource.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/SecurityConfig.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/AuthorizationServiceException.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/intercept/NullRunAsManager.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/core/context/SecurityContext.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/core/userdetails/UsernameNotFoundException.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/AccessDecisionVoter.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/intercept/NullRunAsManager.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/core/context/SecurityContext.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/intercept/NullRunAsManager.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/event/PublicInvocationEvent.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/authentication/jaas/JaasAuthenticationCallbackHandler.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/AccessDecisionManager.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/core/userdetails/memory/UserAttribute.java
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/access/event/AbstractAuthorizationEvent.java

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/**
 * Base64 encoder which is a reduced version of Robert Harder's public domain implementation (version 2.3.7).
 * See <a href="http://iharder.net/base64">http://iharder.net/base64</a> for more information.
 *<p>
 * For internal use only.
 *
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1075319166_1596106953.27/0/spring-security-core-3-0-6-release-sources-1-
jar/org/springframework/security/core/codec/Base64.java

1.1461 cobra 0.0~git20160117.0.8e91712-1
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    package cmd

    import "strings"
//Licenses contains all possible licenses a user can chose from
var Licenses map[string]License

//License represents a software license agreement, containing the Name of
//the license, its possible matches (on the command line as given to cobra)
//the header to be used with each file on the file's creating, and the text
//of the license
type License struct {
    Name            string   // The type of license in use
    PossibleMatches []string // Similar names to guess
    Text            string   // License text data
    Header          string   // License header for source files
}

// given a license name (in), try to match the license indicated
func matchLicense(in string) string {
    for key, lic := range Licenses {
        for _, match := range lic.PossibleMatches {
            if strings.EqualFold(in, match) {
                return key
            }
        }
    }
    return ""
}

func init() {
    Licenses = make(map[string]License)

    Licenses["apache"] = License{
        Name: "Apache 2.0",
        PossibleMatches: []string{"apache", "apache20", "apache 2.0", "apache2.0", "apache-2.0"},
        Header: ` // Licensed under the Apache License, Version 2.0 (the "License");
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1.1463 commons-lang3 3.1

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